

*Sequoyah Council's Overmountain District Vance Klondike Derby -
A Lesson in Assessments*

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To the Doctoral Candidate Review Board:

I am submitting herewith a Dissertation written by Richard L. Macbeth, entitled "Assessing Sequoyah Council's Overmountain District Vance Klondike Derby". I have examined the final copy of this report for format and content and recommend that it be accepted in partial fulfillment of the requirements for the Degree of Doctor of Commissioner Science.

Walter Lynn Bates

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and Blue Ridge Council

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ABSTRACT

This dissertation is written as an informational guide to assist those who are looking to review and assess an event, along with providing recommendations for improvement. A district event that has been around for a long time was my test case – The Overmountain District 2017 Vance Klondike Derby. This dissertation will show that having an assessment and an “After-Action” report on any event, like our Klondike Derby, will greatly improve the outcome and success of future events. It is the best way to show if the event has achieved what was trying to be accomplished.



CHAPTER I

INTRODUCTION AND HISTORY

Gold Rush! In 1869, prospectors headed into the Yukon territory of Canada after gold was discovered in Nome, Alaska. Prospectors used sleds and dogs to haul their gear to their claims. Eighty years later and to this day, Boy Scout troops honor the spirit of the Yukon Gold Rush every winter with the “Klondike Derby.” Scout patrols build sledges with wooden rails and use ropes to pull them from station to station like the prospectors traveled from town to town.

In 1968, on their way home from Richmond, VA, JC and Albert Vance stopped in Salem, VA and observed their first Klondike Derby. Impressed and excited they decided to bring this idea back to their Scouting district in Bristol TN/VA. It took two years to bring this event to fruition and in February of 1970, the first Bristol Klondike Derby took place. That year, the mayors of Bristol, VA and Bristol, TN (twin cities on the state line) officially proclaimed the final Saturday of the national Boy Scout Week as “Klondike Derby Day.” All citizens were encouraged to lend whatever assistance they could to make it a successful event.

JC and Albert Vance chaired the event together until JC passed away in 1973. His brother, Albert, has continued to lead this successful and fun event. The 48th Annual Overmountain District Vance Klondike Derby took place on February 11, 2017. It is considered the premier Scouting derby in Sequoyah Council and provides an opportunity for the local community and Scouting to come together. Local media outlets, Channel 5 WCYB News station

and the Bristol Herald Courier, provided great coverage of the Derby. The 2017 Klondike Derby news coverage links are located in the **REFERENCES** section of this dissertation.

Ten towns or stations make up the circuit of the annual Klondike Derby event, which is held in the historical downtown of Bristol TN/VA. Different patrol Scouting skills are tested at each station with the opportunity for a patrol to earn up to 20 points. Troops and patrols compete for first, second, and third place awards. There are special awards given for ‘Best Patrol Flag’ and ‘Best Sledge’. Younger Scout patrols (First Class and under) compete in a different category. The maximum number of points that can be earned is 220.

In 1975, the “Continuous Campfire” was added to the celebration of Scout week. Scout week officially begins with an opening ceremony and lighting of the Continuous Campfire at sunrise on the first Saturday of the week. Ashes from Continuous Campfires going back to its origins in 1975 as well as National and World Jamborees are added to the fire. The fire burns constantly during all of Scout Week. Troops, Packs and even a Venture Crew tend the fire through all hours and all kinds of weather. The dubious ‘Polar Bear Award’ is given to the unit that endured the coldest temperatures. Hundreds and hundreds of American flags are retired each year at the Continuous Campfire, instilling a respect for our country’s national symbol in participating Scouts of all ages.

In all of its history, there has never been a full assessment of the Derby other than an inconsistent updating of stations due to changes in the Boy Scout Handbook. Some stations had not been updated in many years. Fourteen years ago, record keeping of patrol scores by station and overall performance began. Each patrol was ranked accordingly based on its total score.

Derby organizers and participants noticed a slow but steady decline in the number of Troops participating in the Derby as well as concerns expressed about station questions and procedures. The new Boy Scout Handbook (13th edition, 2016) had just been released. This offered an excellent opportunity to thoroughly re-examine all station questions and procedures and bring them in alignment with the guidelines provided within the new Boy Scout Handbook. Most importantly, it also provided a way to survey youth and leaders to find out what they thought of the event after these changes were made.

This dissertation is the process of completing this assessment, with the intent of bringing more excitement and participation in the Overmountain District Vance Klondike Derby in the years to come.

CHAPTER II

REVIEW OF VANCE KLONDIKE DERBY

“First things first; you need to understand what you have, so you can start to know where you need to go” (Richard Macbeth February 25, 2017).

In October 2016, several members of the Overmountain District Committee had concerns from the prior year’s “Vance Klondike Derby” (further known in this dissertation as “Derby”) and its consistency with the 13th edition of the Boy Scout Handbook (further known in this dissertation as “Handbook”) that had been released. The group felt that it was time to take a close look at the Derby content and processes and assess what changes or adjustments needed to be made.

At the November 2016 District Committee meeting, a committee was put together which included Sam Belew, Alan Marshall, Anna L. Booher, Richard Macbeth, Karen Haaser and Herb VanNostrand. The first committee meeting was held the next week at the home of Albert Vance. There, a decision was made to create a sub-committee of the following: Richard Macbeth, Karen Haaser, Herb VanNostrand and Anna L. Booher. Its charge was to gather all the data, handouts, station questions, and Derby information available and determine what changes were necessary to bring the Derby up to the requirements of the Handbook.

For the next two months, we met six times to go through each of the 10 Scout skill stations to insure consistency with the new Handbook. All supporting documentation and handouts for the Derby were also updated. In January 2017, the sub-committee presented its completed work to the entire Derby committee as well as the District Chairman and District Executive. Great suggestions as well as corrections were made by the entire group and these were incorporated into the final product for the Derby to be held on February 11, 2017.

A key component of the assessment process was the development of a survey to capture input from the youth that participated in the Derby. This survey was given to each patrol to complete once they finished all of their stations and before they could submit their score results to the Derby judges. Karen Haaser distributed and collected the surveys and also wrote down any comments the Scouts made about specific stations, questions or the Derby overall. Their comments and survey answers were correlated with the results of each question and station. The sub-committee met again to review this data and develop a list of areas that needed to be reworked before next year's Derby.

All of this information, as well as the sub-committee's recommendations, was presented to the Troop leadership at the District Roundtable meeting on March 2, 2017. A final survey was created that collected feedback on what the adult Scouters liked about the Derby or felt needed improvement. The surveys were distributed and collected before the formal presentation. After the presentation, a more informal discussion of ideas and concerns expressed in the adult surveys took place. All this important feedback will be used to make next year's Derby even better.

Performing an assessment of an event on a Troop level, District Level or even Council level enables everyone involved to provide feedback and work together to make that particular event much better. There is also a 'buy-in' or 'ownership' effect from those who were part of the process. Performing an assessment of any unit event is a win-win. The event is made better and the time invested in completing the evaluation provides opportunities for open lines of communication and development of interpersonal relationships.

CHAPTER III

METHODS

First, get full ‘buy-in’ and direction from the oversight organization to give the committee the authority and time needed to complete the assessment. It is best to keep the committee small with dedicated and knowledgeable people that will have the time and patience to take on this task.

This project had 10 stations, along with the supporting paperwork necessary to organize and put on the Derby. The work should be divided up so that everyone can better accomplish the tasks required.

1. Assign one person to design the layout of the documents that will be used so that they all have the same ‘look and feel.’
2. Utilize peer reviews, within the subcommittee, of work done on each task.
3. Develop a standard against which all work will be judged. In this case, it was the 13th edition of the Boy Scout Handbook.
4. Develop a survey for those who are going to take part in the event. The survey will need to be filled out at the end of the event and collected before they check out. These should be completed by the Patrols that took part in the event, not the leaders!!
5. After the event compile all the data from each of the stations/events along with the results from the event and the results of the survey.
6. Present the results to the next committee/roundtable meeting with an after-action report.

7. Have the leaders at the committee/roundtable meeting fill out a leader survey about the event and then review that with them.
8. Make any changes for the following event from the information that was received from the assessment.
9. Enjoy the next event!!

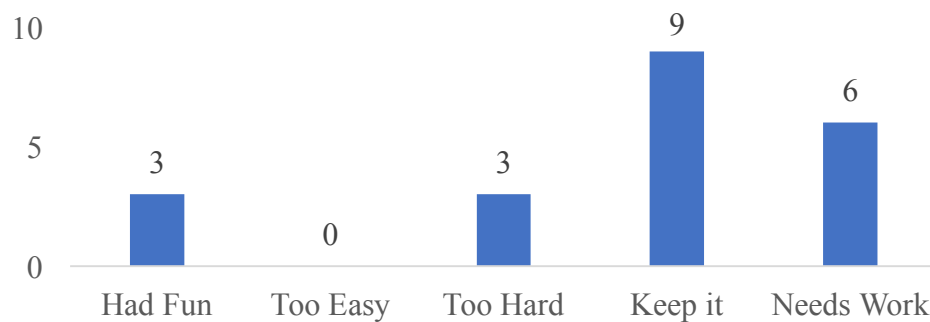
CHAPTER IV

RESULTS AND FINDINGS

Results of the 2017 Derby Satisfaction Survey

The survey (Appendix B) was answered by the boys in each of the patrols that were in the Derby and turned in at the end of the event. Survey results and written comments for each station are presented below.

Figure 1. Fort Selkirk – Compass Course

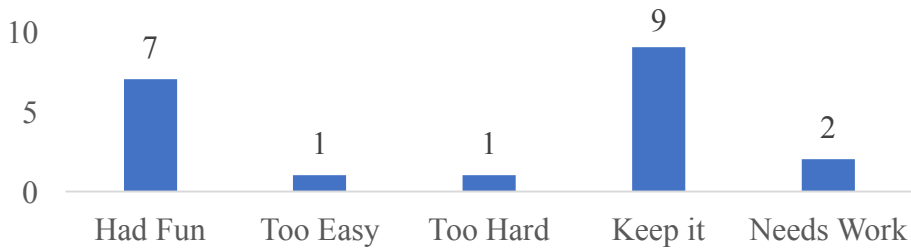


Comments:

1. Compass questions were confusing
2. Compass sticks and points should be further apart
3. Compass Walking part was ok
4. Compass Questions some had wrong answers Questions were confusing
5. Orienteering should have some new MANAGEMENT (consider revising test).
6. Actual compass course was good

7. Questions at the Compass course was hard, especially the GPS ones.

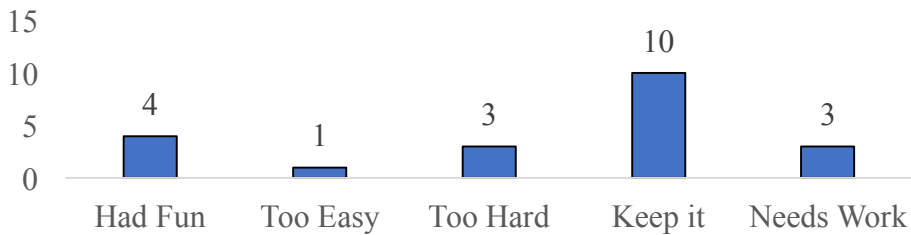
Figure 2. Fairbanks - Weather and Astronomy



Comments:

1. Astronomy and Weather not really a Scout skill

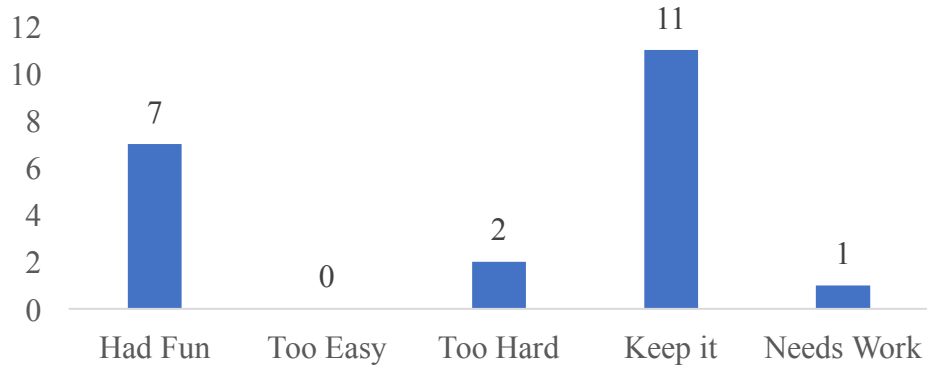
Figure 3. Attu - Ax and Knife



Comments:

1. Ax and knife No one in patrol had new book
2. Ax and Knife could use a couple more people
3. Ax and Knife physical space was too small

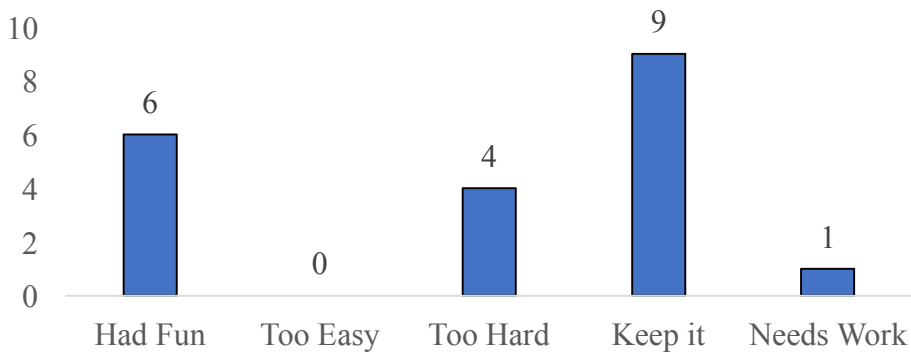
Figure 4. Shageluk - Map



Comments:

1. Map more interactive

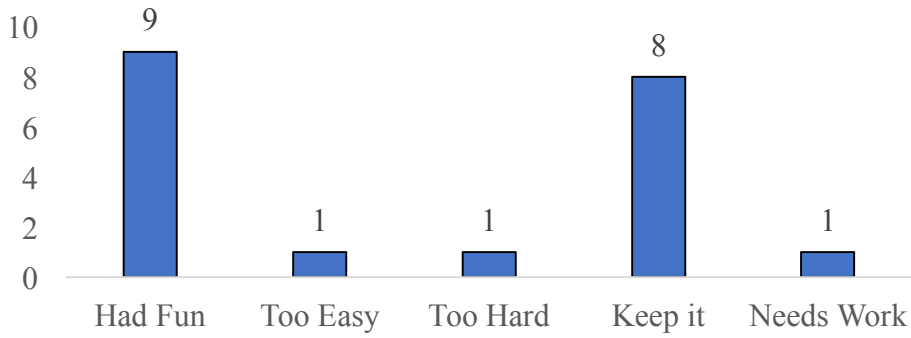
Figure 5. Yakataga - Knots and Lashings



Comments:

1. Lashing/Knots I tied a clove hitch right and they said it was wrong
2. Lashing/Knots Make sure all people know how to tie clove hitch

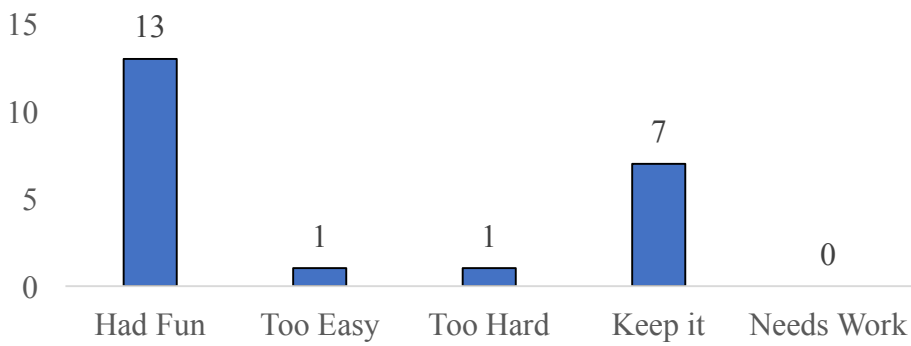
Figure 6. Bearpaw - Nature



Comments:

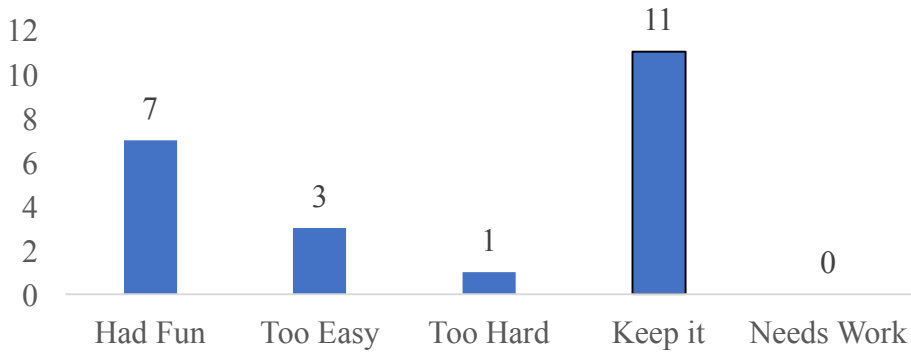
1. needs some clearer pictures (close up of leaves and maybe some written description)

Figure 7. Skagway - Advanced First Aid



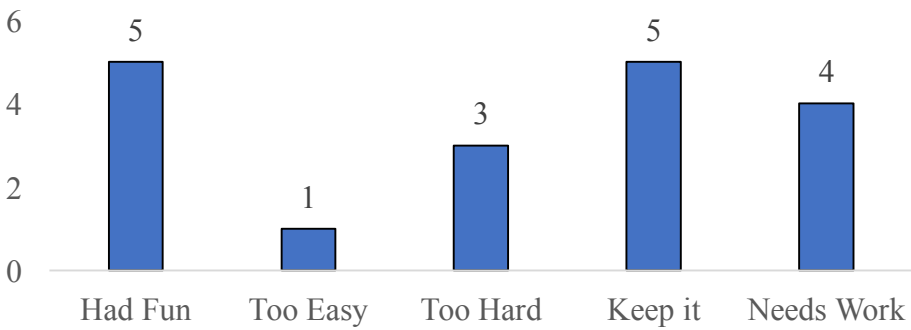
Comments:

Figure 8. Kodiak - Citizenship



Comments:

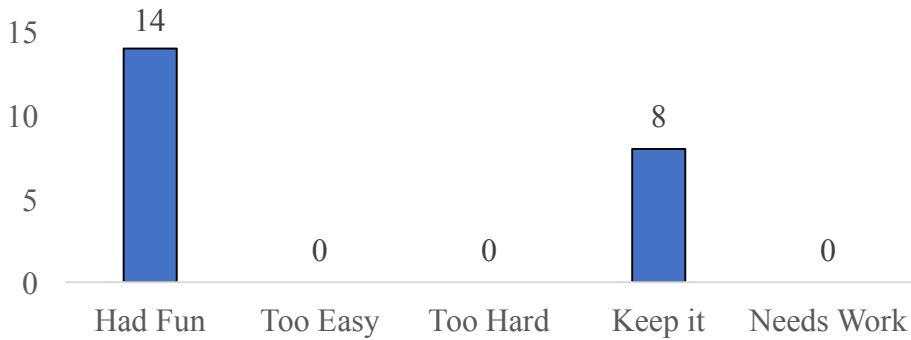
Figure 9. Reddog - Boy Scout Handbook



Comments:

1. no one in patrol had new book
2. questions were too hard make questions less in depth
3. really hard not as in depth questions
4. more variety in questions

Figure 10. Ulcer Gulch - Lunch and Fire Building



Comments:

1. at lunch time should be that you leave when your fire is out instead of a set time

OVERALL COMMENTS:

1. 10/10 Would Klondike again
2. Had fun time overall
3. Had Fun
4. I think it was more of a book test at some of the stations than a field test
5. Maybe stations a little closer?
6. Maybe add survey choice: We weren't prepared for this one (station)
7. Overall, well organized and fast judging, good experience
8. We had fun thank you for having this event

WHAT WOULD YOU LIKE TO SEE NEXT YEAR?

1. A leaf identification station
2. Airsoft/Paintball
3. Archery and less basic knots and lashings
4. Archery or BB Guns/Rifle shooting (Slingshots?)
5. Archery and BB guns
6. Me and my patrol would like to see fire safety and archery next year
7. More time, less distance between stations
8. More up-to-date knot terms, don't be so harsh on book forms and methods
9. More variety in stations
10. Rifle/Archery
11. Sled judging
12. Stations in sequential order around the area
13. Throwing Axes/Knife
14. Whatever other people want
15. Won't be here

COMMENTS FROM THE ADULTS AT THE DERBY:

1. Flag and sledge score sheet - change to 'ALL patrol members are first class or younger'
2. Routes - need to be circular or in a circuit so that there is not so much crossing back and forth town
3. ATTU - revise questions on contact and bucking. Allen suggested that we define the terms and let the Scouts tell you what it is.
4. Need to clarify - How to best point to the 'head' part of the axe. There are 9 parts of the axe to identify. If they get 5 right, they get 1 point. If they get 9 right, they get 3 points. If they get 8 right - should they get 2? (means shaving points off something else)
5. Knots and lashing - Coiling rope, even though it is in the book, they don't know how to 'correctly' do it. Same for neck ties. Need to make sure mayor of that station has sticks, twine for whipping, and neck ties
6. Breakfast - leaders and/or kids. Clarify. The kids wiped out the breakfast.
7. Ulcer gulch - need a line next to the fire method to initial (on card for the judge).

Review of the Stations

The following eight stations were reviewed.

1. ATTU – Ax and Knife
2. Bearpaw – Nature
3. Fairbanks – Weather and Astronomy
4. Fort Selkirk – Compass Course
5. Kodiak – Citizenship
6. Reddog – Boy Scout Handbook
7. Shagelux – Map
8. Yakataga – Knots and Lashings

The following two stations were not reviewed in this dissertation:

1. Skagway – Advanced First Aid. This station is run by the Bristol, VA Fire Department and they have oversight for the material and testing.
2. Ulcer Gulch – Fire Building and Lunch. This station tests to see if the patrol can start a fire and cook (reheat) their lunch. They are graded on the fire method - Friction, Flint/Steel or Solar, and Hot Spark. They also are graded if the meal was hot or not. They cannot accept assistance or advice from anyone, adult or youth, that is not from their patrol.

ATTU – Ax and Knife

1. Question 2 - 72% of the patrols received partial credit for this question. The committee agreed that we needed to rework this question in the following ways:
 - a. We should give $\frac{1}{2}$ point for each part answered correctly.
 - b. Remove the letter “I” the “Knob” (Most did not get the “Knob” and it is not taught much anymore).
 - c. Put a circle around the Head of the Ax for letter “B”.
 - d. Change the points to the following:
 - i. 4 correct out of 8 = one point.
 - ii. 6 out of 8 = two points.
 - iii. 8 out of 8 = three points.
2. Question 3 - 72% of the patrols answered incorrectly due to this being an open-ended question. Change from describing “contact method” to multiple choice question.
3. Question 4 - 61% of the patrols answered incorrectly due to this being an open-ended question. Change from defining “bucking” to multiple choice question.

Bearpaw – Nature

1. Make the pictures larger, two to a page in a notebook with one notebook per test (total of three tests).
2. Remove the following: “Indian Paint Brush” (83% wrong), “Blue Spruce” (100% wrong), “Pear blossom” (100% wrong) and add “Cypress Tree”. Also with each tree picture superimpose a picture of the leaf of that tree.
3. “Woodchuck” (100% wrong); “Groundhog” was how most answered the question. Change to accept either name.
4. For the “House Finch” (50% wrong mostly calling it a different type of Finch), accept any type of “Finch” or just “Finch”.
5. “House Wren” (100% wrong) – Change to a different common bird.
6. Remove “Common Tern” (100% wrong) and replace with “Blue Heron”.
7. These changes should alleviate any problems with identifying correctly any of the Nature questions.

Fairbanks – Weather and Astronomy

1. Fix scoring and clarify how you get 20-points max with only 15 questions.
2. Change question 9A and 8B to multiple choice questions (56% wrong).
3. Question 14 - 56% answered this question incorrectly mostly due to it being a two-part question. We will make this into two questions. These are good questions which shows that there needs to be more training about “Star Charts”.

Fort Selkirk – Compass Course

1. Question 1 - Most everyone got this question wrong (61%) and the rest (39%) only received partial credit. No patrol correctly answered this question. We will make this 3-part question into separate questions along with completely rewriting the questions.
2. Question 3 - Even though most everyone got this question wrong (78%) with the rest (22%) only receiving partial credit, it is a good question. This shows that there needs to be more GPS training in the Troops.
3. Question 4 - Even though most everyone got this question wrong (72%) with 22% only receiving partial credit, it is a good question. This shows that there needs to be more training on compass coordinates
4. Compass course “A” - Make the total feet length and complexity approximately the same as the other courses.

Kodiak – Citizenship

1. Change Question 8 to a multiple-choice question. Due to the open-ended question, only 38% received full credit and no one received partial credit. The other 62% completely answered incorrectly.

Reddog – Boy Scout Handbook

1. Question 3 was answered incorrectly by 72% of the patrols most likely due to them not understanding “Personal Protection”. The committee will need to rewrite this question and make it a multiple-choice or change the question to one about the “Buddy System”.
2. Question 18 was a good question, although 55% answered incorrectly. This surprised us since this has not changed for many years. Their answers were all over the board and not just one off. It is possible that this was due to a good number of lower rank patrols so they were not aware of the “Eagle” requirements.
3. Question 19 - With 78% of the patrols answering this question incorrectly, it is most likely that this was due to a significant number of lower rank patrols that were unaware of the meaning of “Eagle Required”. Another possible reason is that most Scouts in our council do not know that the borders are called “Silver Border” (a lot of troops called them “white rings”).

4. Question 20 is a good question that only 2 out of 18 patrols answered correctly (89% answered incorrectly) due to the patrols not being exposed to physically challenged Scouts. It did give us the opportunity to teach the requirements. This also showed that more needs to be done on encouraging the Disability Awareness merit badge.

Shagelux – Map

1. All questions were well written.
2. Question 2 is a good question that is just math. 61% did not answer correctly. It shows that there needs to be more instruction in the troops on map reading.
3. Questions 8 and 9 both show that 50% of the patrols do not know contour lines and intervals. It shows that there needs to be more instruction in the troop on map reading.

Yakataga – Knots & Lashings

1. The task on “Whipping” surprise us in that 72% of the patrols could not do this. More training in the troops is needed.
2. The task on “Coiling a rope” shows that 78% of the patrols could not do this as the Scout Handbook teaches. The way the book describes the coiling of a rope is very difficult and not clear to the boys. There are better ways of “Coiling a

rope” than what is in the Handbook. The recommendation is to remove from this station.

3. The task “Necktie” shows that 67% of the patrols could not tie a necktie which is new to the Scout Handbook. This is a good skill for a boy to learn for later on in life.
4. The lashing area only had 28% of the patrols complete all of the lashing tasks correctly. This shows that more time needs to be spent in the troop learning and performing lashings.

Derby Satisfaction Survey

1. If they put “Needs Work” ask them to specify what and why they think a station needs work.

CHAPTER V

SUMMARY

This project has shown how important it is to complete an objective evaluation of an outcome of an event like was done with the Derby. Going through this process with a small group of people to start with, then building on those changes that came out of the committee, brought a new sense of excitement to the event.

The committee needs to take the information from the event, the scores, surveys of the boys, and how the patrols performed at each station and review and analyze that data to formulate suggestions for improvement. After performing the assessment, the next step is to present it at the very next District Roundtable or Committee Meeting for an “After-Action Evaluation/Report” which will include surveying the leaders for their input. This brings more buy-in from all parties involved and makes the next event that much better.

The best thing that comes out of this is that the patrols and troops feel that they are a part of the process to learn and have fun doing so. That is what it is all about, teaching young men how to be leaders along with teaching leaders to be better leaders and teachers.

With our example of a real-life event, our Derby outcome showed an increased knowledge and understanding of the patrol readiness in almost all of the stations. There is now a plan to improve the rest of the stations so that the next time this event is held, it is our hope and desire is that the patrols will have:

1. FUN

2. Be able to test their Scouting skills
3. Want to bring more patrols to this event each and every year it is held.

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APPENDIX A

KLONDIKE DERBY RESULTS 2013-2017

Table 1. Results of the 2013 Klondike Derby

Vance Klondike Derby Results - 2013																	
Station	#	Compass	Astronomy	Armpit	Mugs	Knife / Lash	Nature	First Aid	Citizenship	Handbook	Fire / Cook	Safety, etc	FC & Under	score	Place	avg of patrols	troop place
		1	2	3	4	5	6	7	8	9	10						
2 Panther	7	13	11	20	8	17	13	20	13.5	14	20	24		173.5	4		
2 Eagle	6	7	10	17	4	10	11	17	13	10	20	24		143	15		
2 Grizzly	9	8	16	17	4	14	14	17	12	14	20	24.5		160.5	8	159.0	4
3 Crazy Crocketts	6	9	7	18	3	10	13	18	12.5	11	10	24		135.5	19	135.5	12
8 Eagles	12	20	20	20	10	14	13	19	16	12	15	24.5		183.5	2		
8 Stealth	7	2	15	19	7	4	10	16	16.5	14	10	24	Y	137.5	16		
8 Troll	5	12	12	18	9	10	13	19	10	12	15	24.5		154.5	12		
8 Sharks	4	9	16	16	6	6	10	17	20	16	15	24.5	Y-1	155.5	11	157.8	5
10 Creeper	2	2	14	18	1	13	8	16	9	12	15	25	Y	133	20		
10 Sledge	4	17	18	20	13	17	11	20	10.5	15	10	25		176.5	3	154.8	8
11 Hive	5	2	13	14	8	13	10	19	14.5	12	15	25	Y-3	145.5	14	145.5	9
15 Troll Face	6	14	19	20	18	18	14	20	14.5	12	20	24.5		194	1		
15 Marine	8	16	15	15	10	11	9	13	11	8	15	25	Y-2	148	13	171.0	1
21 Spartans	7	9	18	18	5	16	12	16	11	16	15	25		161	7	161.0	3
38 Gnomes	8	10	16	18	12	13	14	19	15	13	15	22.5		167.5	6		
38 Cannons	3	15.5	17	20	9	12	14	16	14	13	15	22.5		168	5	167.8	2
13 Husky	6	8	20	15	10	7	14	16	11.5	14	10	25		150.5	12		
13 Phoenix	4	5	11	16.5	1	12	11	7	10	10	15	24.5	Y	123	22	136.8	11
30 Cobra	6	1	18	16	7	6	10	9	12	13	20	24.5	Y	136.5	18		
30 Wolf	10	5	11	17	3	13	13	16	13.5	11	10	25		137.5	16	137.0	10
38 Huskies	5	15	18	16	11	10	9	17	15	11	10	25		157	9	157.0	6
15 Cobras	5	0	12	17	1	6	12	9	12	11	10	25	Y	115	23	115.0	13
26 Eagle	5	14	16	18	11	10	13	17	14	11	10	23		157	9	157.0	6
23 Commandos	147	7	9	17	1	5	8	16	8	11	10	19.5		111.5	24	111.5	14
Per Station ***		221	352	421	172	267	279	388	308	296	340	580		3625		24 patrols 14 troops	
		9.2	14.7	17.5	7.2	11.1	11.6	16.2	12.9	12.3	14.2	24.2		129.5			

*** Patrols not participating at a station NOT included in averaging.
 Note - 12 - blue ribbons, 12 - red, 0 - yellow, Q drops
 zero patrols did not finish.

Table created by Sam Below.

Table 2. Results of the 2014 Klondike Derby

Vance Klondike Derby Results - 2014																
Station	#	Compass	Kim's Game *	Axeyard	Maps	Knobs/Lash	Navvire	First Aid	Citizenship	Basic First Aid *	Fire/Cook	Safety, etc.	FC & employer	score	Place	avg of patrols troop places
		1	2	3	4	5	6	7	8	9	10					
2 Panther	4	13	16	20	13	16	6	18	17	12.5	20	24.5		176	2	
2 Eagle	5	8	13	18	6	11	8	19	16	11	20	24		154	9	
2 Grizzly	5	6	12	18	1	16	6	14	11	2.5	20	24	Y	130.5	15	153.5 4
3 Flaming Cobras	3	6	12	17	6	7	6	20	15.5	16	10	19		134.5	13	
3 Phoenix	7	10	14	15	5	10	8	11	14	8	10	23.5	Y	128.5	16	131.5 9
8 Eagles	8	7	18	20	4	13	8	18	19	14.5	10	25		156.5	8	
8 Stealth	11	3	15	20	13	11	9	8	17	7	5	25	Y-3	133	14	
8 Sharks	5	10	13	17	3	14	20	18	20	9	10	25	Y-1	159	7	149.5 5
10 Fire	3	4	12	15	3	14	3	18	10	np	15	21	Y	115	18	115.0 11
15 Swaggin Dragon	5	13	18	20	16	19	9	18	20	18	20	24.5		193.5	1	
15 Phlying Phoenix	4	5	18	20	14	19	5	10	16.5	13.5	20	25		166	4	179.8 1
107 Black Hawk	4	6	np	14	3	14	6	15	9.5	11.5	15	24	Y	118	17	
107 Bucks	7	11	17	17	7	17	10	18	15.5	13	13	24.5		163	6	140.5 7
108 Gnomes	9	13	18	20	11	11	10	20	18	12.5	15	25		173.5	3	168.3 2
113 Tree	2	np	17	15	8	13	6	16	13	15.5	10	22		135.5	12	
113 Zombie	8	0	11	14	2	11	3	7	10.5	11	10	21.5	Y	101	19	118.3 10
208 Polar Bear	9	10	14	19	15	19	6	16	17	11.5	15	23		165.5	5	165.5 3
215 Cobras	7	2	16	18	2	16	4	15	15	10	15	24.5	Y-2	137.5	11	137.5 8
423 Commandos	4	5	15	16	4	15	5	17	10.5	15	20	24.5		147	10	147.0 6
Avg Per Station ***	110	132	269	333	136	266	138	296	285	210	273	450		2788		19 patrols
		7.3	14.9	17.5	7.2	14.0	7.3	15.6	15.0	11.7	14.4	23.7		146.7		11 troops

*** Patrols not participating (np) at a station NOT included in averaging.
 Note - 9 blue ribbons, 10 red, 0 yellow
 0 patrols did not finish.

Table created by Sam Belew.

Table 3. Results of the 2015 Klondike Derby

Vance Klondike Derby Results - 2015																	
Station	#	Compass	Rifley*	Assembly	Maps	Knots/Lash	Measure	First Aid	Citizenship	Let's go Hiking*	Fire/Cook	Safety, etc.	FC & under	score	Place	avg of patrols	troop place
1 Knothead	4	8	19	15	3	4	11	5	14	13	10	24	F	126.0	22	126.0	15
2 Bear	4	8	18	17	2	5	9	17	17	11	15	25	F	141.5	14	141.5	10
3 Flaming Cobras	7	6	17	19	2	14	13	19	18	17	10	25	F	159.5	7		
3 Phoenix	8	12	14	17	4	9	11	12	15	11	10	25	F	139.5	15	149.5	7
8 Chupacabra	7	10	16	16	5	5	12	11	17	8	15	24	Y	F 138.5	17		
8 Eagle	6	0	18	0	0	9	13	0	0	0	15	19	F	73.5	24		
8 Sharks	8	7	18	19	16	16	14	18	18	20	15	25	F	184.5	1		
8 Stealth	5	6	16	19	5	9	12	10	18	14	10	24	Y-2	F 143.0	13	134.9	12
10 Fish Hook	3	6	16	15	3	7	11	15	10	10	10	25	Y	F 127.5	20		
10 Thank You	4	2	16	18	4	14	8	14	15	8.5	15	25	Y-3	F 139.0	16	133.3	13
15 Challenge AC	6	10	15	20	11	20	11	18	17	15	20	25	F	183.0	2	183.0	1
70 Blackhawk	4	3	15	17	1	8	13	17	17	9.5	10	25	Y	F 133.0	19		
70 Wolfpack	4	6	16	15	3	0	9	14	14	11	15	25	Y	F 127.0	21	130.0	14
107 Bucks	5	2	17	18	4	15	16	14	11	13	15	24	F	148.0	9	148.0	8
108 Eskimo	5	10	19	20	4	12	14	17	14	16	10	25	F	159.5	8	159.5	6
113 Shields	5	0	11	14	2	2	12	4	13	9	15	24	Y	F 105.5	23		
113 Snoopy	4	6	16	16	9	7	11	11	15	15	15	25	F	145.0	10	125.3	16
160 Wolf	6	6	20	15	5	8	9	10	17	9	15	24	F	136.0	18	136.0	11
208 Bacon Ninja	5	16	16	20	15	10	14	12	20	16	15	25	F	178.5	3		
208 Jamaica Me Crzy	7	10	16	16	8	5	13	11	16	9	15	25	Y-1	F 144.0	11	161.3	4
210 Giraffe	5	13	14	20	13	8	15	20	16	12	5	25	F	160.0	6	160.0	5
215 Cobras	6	4	18	20	13	13	14	10	16	15	15	24	F	162.0	5	162.0	3
222 Spider Pigs	8	11	18	13	5	8	10	12	14	14	15	25	F	144.0	12	144.0	9
423 Commando	5	8	15	17	10	12	13	18	16	13	20	25	F	167.0	4	167.0	2
Avg Per Station ***	129	168	390	396	147	216	288	311	358	285	325	582		3465.0		24 patrols	
		7.6	16.3	17.2	6.4	9.4	12.0	13.5	15.6	12.4	13.5	24.3		144.4		16 troops	

*** Patrols not participating (np) at a station NOT included in averaging.
 Note - :B blue ribbons, :R red, :Y yellow
 1 patrols did not finish.

Table created by Sam Belew.

Table 4. Results of the 2016 Klondike Derby

Vance Klondike Derby Results - 2016

Station	#	Compass	Archery	Axeyard	Maps	Knots/Lash	Nature	First Aid	Citizenship	Let's go Hiking	Fire/Cook	Safety, etc.	FC & under	score	Place	avg of patrols	troop place	
		1	2	3	4	5	6	7	8	9	10	24	25					
1 Border	3	9	17	16	4	16	11	10	15	15.5	10	24.5		F 148.0	8	148.0	5	
3 Flaming Cobras	4	10	17	17	6	14	9	15	14	18.5	10	24.5		F 155.0	6			
3 Phoenix	7	11	18	18	7	17	6	20	16	15.5	10	25		F 163.5	4			
3 PI	7	9	14	17	4	12	8	15	18	13	10	24.5		F 144.5	9	154.3	4	
8 Panthers	7	5	17	15	4	6	4	5	19	13.5	10	24	Y	F 122.5	17			
8 Chupacabra	8	6	17	19	4	14	5	5	12	16	10	24	Y-2	F 132.0	14			
8 Eagles	5	9	20	20	8	13	7	20	16	15	10	24		F 162.0	5	138.8	8	
10 Yellow Submarine	3	10	18	18	4	14	4	15	16	14.5	10	25		F 149.5	7			
10 Handyman	3	8	18	17	4	9	3	20	10	14.5	10	24.5	Y-1	F 138.0	11	143.8	6	
15 Cheesebugga	6	18	15	19	13	20	13	15	20	15.5	20	25		F 193.5	1	193.5	1	
18 Eagles	4	5	11	14	4	7	8	13	7	7	10	23.5	Y	F 109.5	19	109.5	12	
70 Wolf	4	7	14	14	4	12	8	8	11	13.5	15	25	Y-3	F 131.5	15	131.5	10	
108 Gnome	3	15	19	19	11	13	6	20	19	17	10	24		F 173.0	2	173.0	2	
113 Spartans	5	5	7	12	4	3	8	15	16	14	15	24		F 121.0	18			
113 Guardians	5	4	17	15	4	12	3	5	14	16.5	15	24.5	Y	F 130.0	16	125.5	11	
215 Cobras	6	8	15	15	4	12	5	10	14	18	10	24.5		F 135.5	13	135.5	9	
222 Mammoth	5	5	13	11	4	16	8	18	16	15.5	10	24		F 140.5	10			
222 Turtle	6	7	18	18	4	11	9	7	16	13	10	24.5		F 137.5	12	139.0	7	
304 Silver Panthers	4	4	11	12	4	14	7	5	5	10.5	10	24.5	Y	F 107.0	20	107.0	13	
423 Commando	6	16	13	17	4	15	5	17	16	17	20	24.5		F 164.5	3	164.5	3	
Avg Per Station ***	101	171	308	324	105	250	135	258	290	293.5	235	488		2858.5	20	patrols	13	troops
		8.6	15.5	16.2	5.3	12.5	6.8	12.9	14.5	14.7	11.8	24.4		142.9				

*** Patrols not participating (np) at a station NOT included in averaging.
 Note - .6 blue ribbons, 14 red, 0 yellow
 0 patrols did not finish. 0 patrols missed one or more station

15 fours at Maps. Minimum given @ Maps was four.

Table created by Sam Belew.

Table 5. Results of the 2017 Klondike Derby

Vance Klondike Derby Results - 2017

Station	# of boys	Compass	Weather etc.	Axeyard	Maps	Knots/Lash	Nature	First Aid	Citizenship	Handbook	Fire/Cook	Safety, etc.	FC & under	score	Place	avg of patrols	troop place
		1	2	3	4	5	6	7	8	9	10						
3 Arctic Elks	6	8	20	13	15	18	12	12	16.5	13	10	19.5		Y - 1	157.0	11	
3 Flaming Cobras	6	11	16	15	19	16.52	16	20	20	15	20	20		Y	188.5	2	
3 Phoenix	7	6	18	15	18	19	17	20	18	15	20	20		Y	186.0	3	
3 Pi	6	9	15	16	13	19	15	15	20	15.5	10	20		Y	167.5	7	174.8 2
8 Burnt Toast	7	13	17	5	7	3	15	15	14	11.5	10	18.5		Y	129.0	17	
8 Chupacabra	5	6	13	14	13	9	15	20	18	15	10	20		Y	153.0	12	
8 Dragons	3	17	20	17.5	17	8	15	15	19	13.5	10	19.5		Y	171.5	6	151.2 8
10 Bacon	4	6	16	17.5	11	14	12	20	18	13.5	10	20		Y	158.0	9	158.0 6
15 Legacy	4	18	15	18	17	14	13	20	20	16	20	20		Y	191.0	1	191.0 1
18 Eagles	4	6	14	9	13	13	12	10	18	8.5	10	19.5		Y	133.0	16	133.0 11
70 Wolf	4	12	18	16	13	16	16	15	18.5	13.5	15	20		Y	173.0	5	173.0 4
107 Duct Tape	3	4	18	8	16	4	15	18	15	10	10	19.5		Y - 2	137.5	13	
107 Retro Jack-a-Lope	4	4	15	13	13	6	10	15	14.5	12.5	10	20		Y - 3	133.0	15	135.3 10
113 Spartans	6	10	15	11	11	12	12	20	16.5	15.5	15	20		Y	158.0	10	158.0 7
208 Bacon Ninja (210)	7	13	17	12.5	12	17	16	20	17	12.5	10	20		Y	167.0	8	167.0 5
215 Dragons	7	2	13	11	5	12	14	12	18.5	15.5	15	20		Y	138.0	14	138.0 9
222 Mammoth	7	12	17	11	17	16	13	18	20	14.5	15	19.5		Y	173.0	4	173.0 3
304 Silver Panthers	5	2	15	2.5	9	10	13	15	15.5	7	10	20		Y	119.0	18	119.0 12
Total Boys:	89	159	292	225	239	226.5	251	300	317	237.5	230	356			2833.02	18 patrols	
Avg Per Station ***		8.8	16.2	12.5	13.3	12.6	13.9	16.7	17.6	13.2	12.8	19.8			157.4	12/13 troops	

*** Patrols not participating (np) at a station NOT included in averaging.
 Note - :12 blue ribbons, 6 red, 0 yellow
 0 patrols did not finish. 0 patrols missed one or more station

Fires - 3 by friction, 4 by flint-n-steel

Most stations have a max of 20 points

Tiebreakers in this order

- First Aid
- Axeyard
- Knots/Lash
- Citizenship
- Maps
- Compass
- Nature
- Fire/Cook
- Safety, etc.
- Handbook
- Weather

Table created by Sam Belew.

APPENDIX B

KLONDIKE DERBY 2017 PATROL SURVEY

Klondike Derby 2017 Patrol Survey

We are looking for your input on this years Derby. Please fill our quick survey.

1. *Fort Selkirk – Compass*

Had Fun Too Easy Too Hard Keep it Needs Work

2. *Fairbanks – Weather and Astronomy*

Had Fun Too Easy Too Hard Keep it Needs Work

3. *Attu – Ax and Knife*

Had Fun Too Easy Too Hard Keep it Needs Work

4. *Shageluk - Map*

Had Fun Too Easy Too Hard Keep it Needs Work

5. *Yakataga – Knots and Lashings*

Had Fun Too Easy Too Hard Keep it Needs Work

6. *Bearpaw - Nature*

Had Fun Too Easy Too Hard Keep it Needs Work

7. *Skagway – Advance First Aid*

Had Fun Too Easy Too Hard Keep it Needs Work

8. *Kodiak - Citizenship*

Had Fun Too Easy Too Hard Keep it Needs Work

9. *Reddog – Boy Scout Handbook*

Had Fun Too Easy Too Hard Keep it Needs Work

10. *Ulcer Gulch – Lunch and Fire Building*

Had Fun Too Easy Too Hard Keep it Needs Work

11. *What would you like to see next year?*

12. *Comments:*

Vance Klondike Derby Satisfaction Survey
Check as many boxes as you like Use the comment section to explain

Thank you very much for taking the time to complete this survey.
Your feedback is valued and very much appreciated!

APPENDIX C
STATION TESTS AND RESULTS

ATTU- Ax & Knife Question Analysis

Welcome! The People of Attu accustomed to their Whale-Bone Knives are curious about your Scout Knife, Hand Ax, Bow Saw and Camp Spade. Because these are dangerous if not handled properly the Mayor is calling on your Patrol to instruct the people. To make certain you are prepared to do this you must take this test.

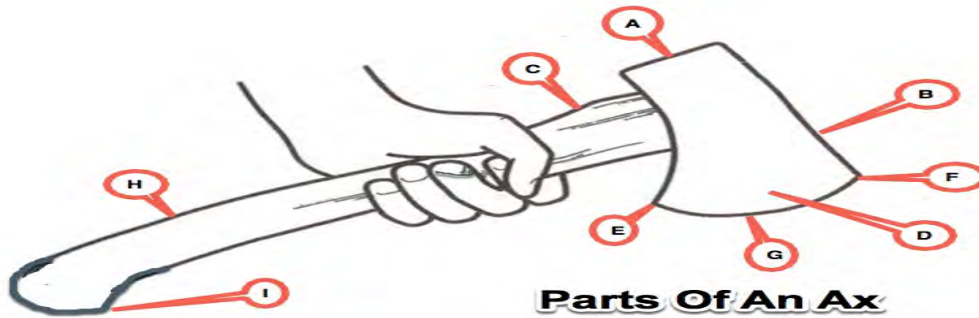
1. **Match** the pictures with the correct names. (2 points or 1 point for at least 3 correct)



Figure 11. Attu - Results of Question 1

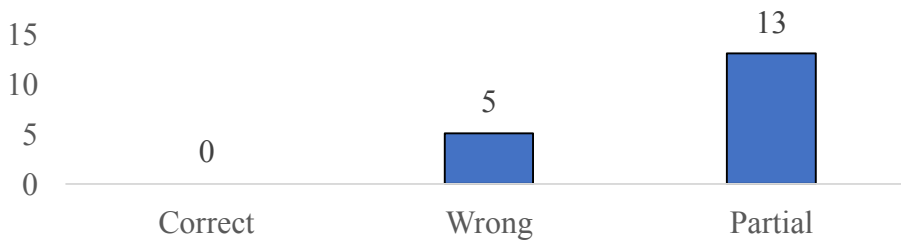


2. Name the parts of Hand Ax. (3 points or 1 point for at least 5 correct)



A. Butt or Poll B. Head C. Shoulder D. Face E. Bit or Heel
F. Toe G. Blade H. Handle I. Knob

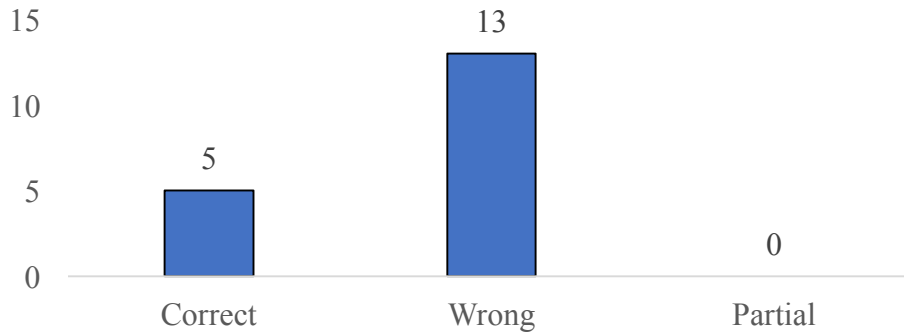
Figure 12. Attu - Results of Question 2



3. Describe the “Contact Method” for splitting small pieces of wood. (2 points)

Place the Ax bit against the stick. Lift the stick and ax together and bring them down against the chopping block rather than the ground.

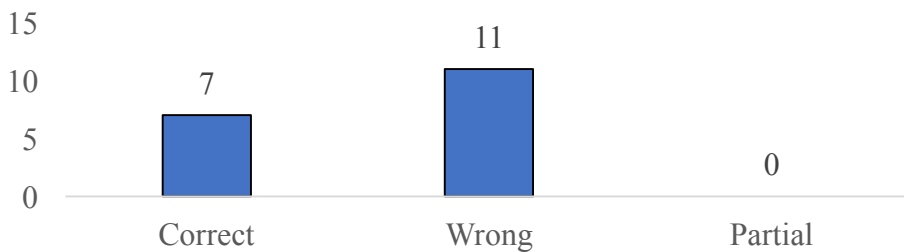
Figure 13. Attu - Results of Question 3



4. Define what is “Bucking”? (2 points)

Cutting through a log by standing alongside of it and raising the Ax above your shoulder and sliding your hands down to the knob as you swing the bit into the log. Cutting the log into a “V” shape cut till you cut through the log.

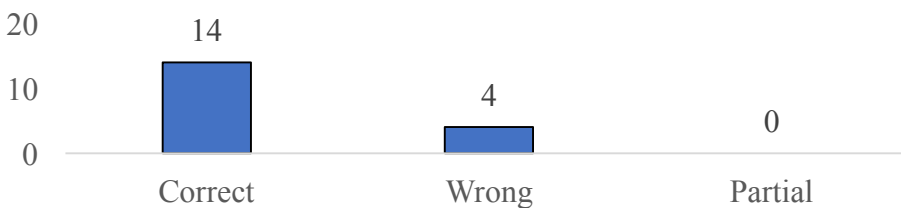
Figure 14. Attu - Results of Question 4



5. Describe how to make a “Fuzz Stick” and what is it used for. (2 points)

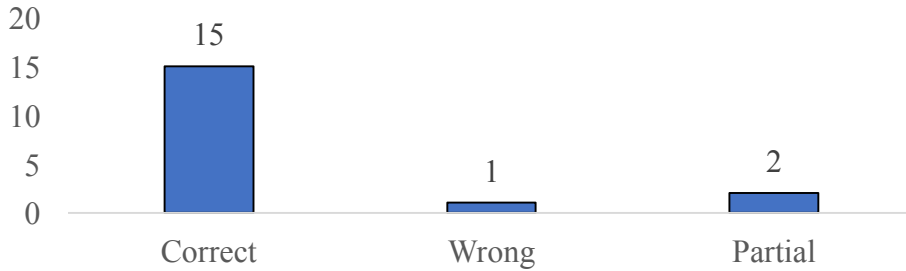
Cut shavings into stick, but leave the shavings attached. When you are building, your campfire prop these Fuzz Sticks into your “Teepee” and they can be used to get your fire started easier.

Figure 15. Attu - Results of Question 5



6. Name three (3) rules for knife safety. (2 points)
- a. **Always Keep a knife blade closed except when you are using them or cleaning the knife**
 - b. **Have only one blade open at a time**
 - c. **Always cut away from yourself, never toward yourself**
 - d. **Close the blade before you pass a knife to someone else**
 - e. **Keep your knife sharp**
 - f. **Obey all regulations about carrying knives in public**
 - g. **Never carry a knife with the blade open**
 - h. **Never throw a knife**
 - i. **Never strike a knife with another tool**
 - j. **Never use the point of a cutting blade as a prying tool**

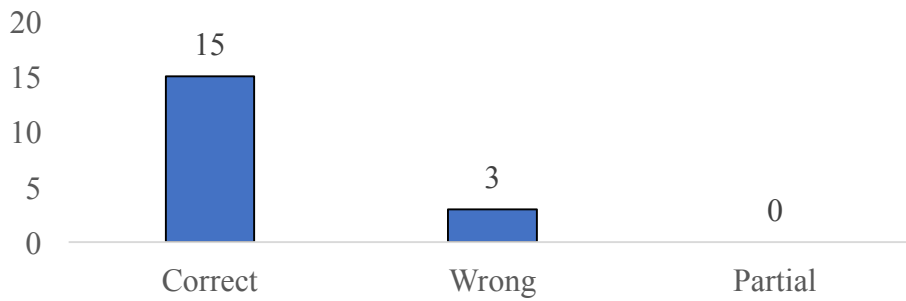
Figure 16. Attu - Results of Question 6



7. Demonstrate the correct way to pass the Hand Ax. (2 points)

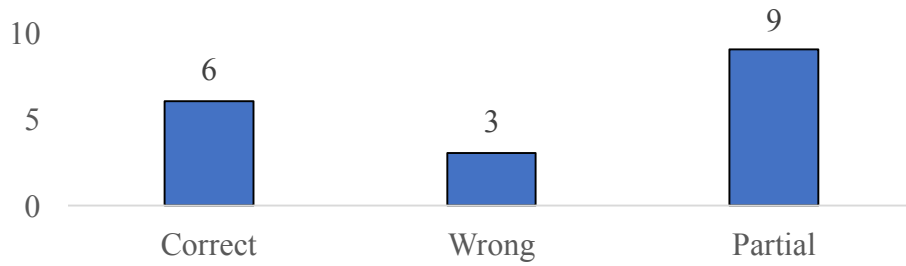
Give an Ax to another person by holding the handle with the Ax head down. Pass it with the bit turned away from both of you. When the other person has a grip on the handle, he or she should say “Thank You” That’s your signal to release your hold.

Figure 17. Attu - Results of Question 7



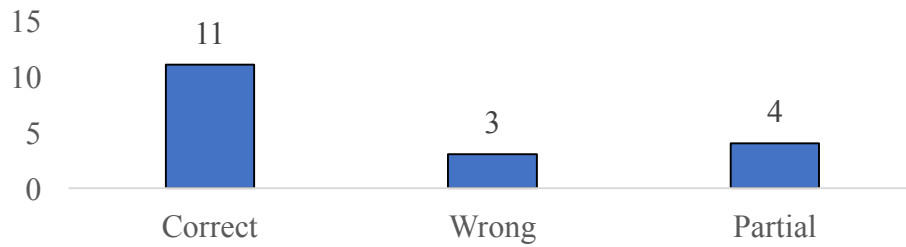
8. A **Whetstone** is used to sharpen a Pocket Knife and a **File** is used to sharpen an Ax. (2 points)

Figure 18. Attu - Results of Question 8



9. For sanitation and safety, a knife should be kept Clean and Sharp. (1 point)

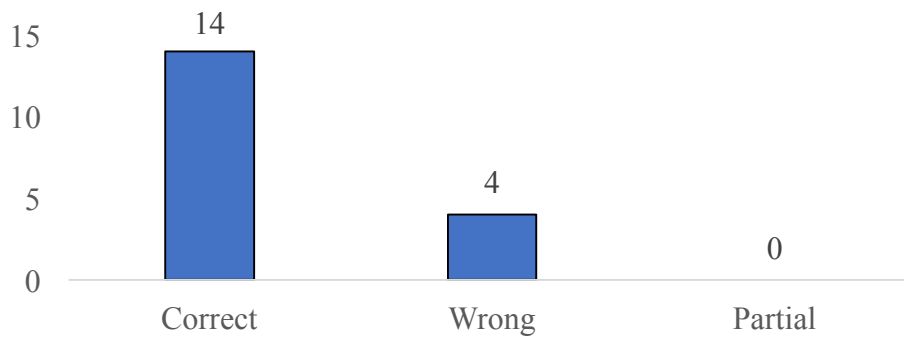
Figure 19. Attu - Results of Question 9



10. What should you do with a bow saw when it is not in use? (2 points)

Protect the saw blade with the sheath that came with it or use a length of garden hose that is cut to length of the blade and then cut down one side of the hose so you can cover the blade.

Figure 20. Attu - Results of Question 10



Bearpaw – Nature Test A Question Analysis

Common Plants (1 point each, max 5 points) - Enter correct name on your answer sheet.

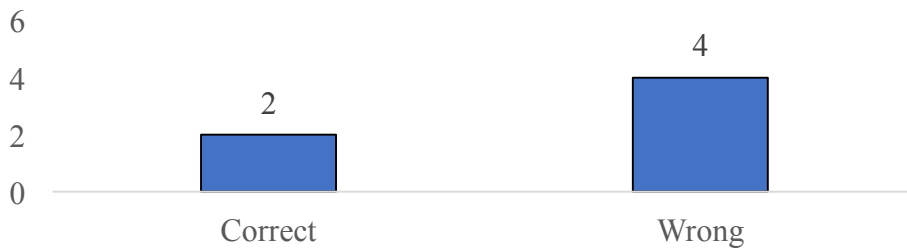
P1 - Black-eye Susan

Figure 21. Bearpaw - A - Results of Question P1



P2 - Red Clover

Figure 22. Bearpaw - A - Results of Question P2



P3 - Poison Ivy

Figure 23. Bearpaw - A - Results of Question P3



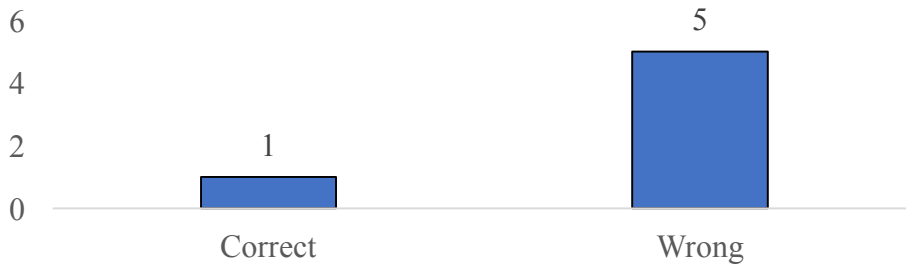
P4 – Cattail

Figure 24. Bearpaw - A - Results of Question P4



P5 - Indian Paintbrush

Figure 25. Bearpaw - A - Results of Question P5



Common Trees (1 point each Max 5 points) - Enter correct name on your answer sheet.

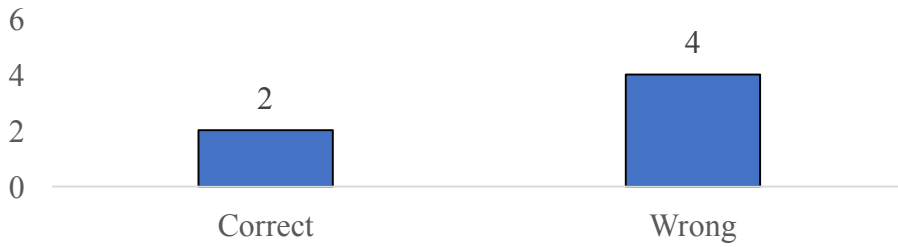
T1 - Flowering Dogwood

Figure 26. Bearpaw - A - Results of Question T1



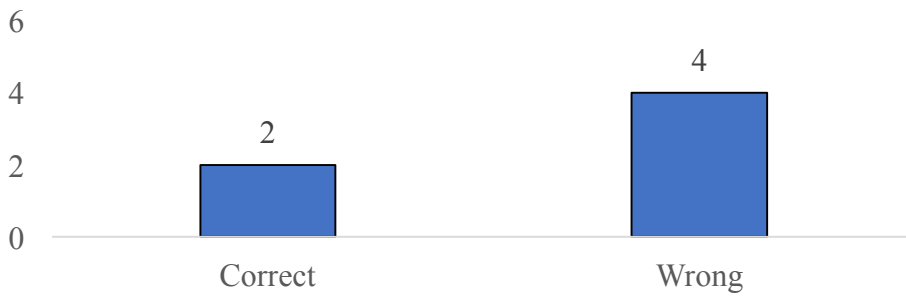
T2 - Pin Oak

Figure 27. Bearpaw - A - Results of Question T2



T3 - Red Maple

Figure 28. Bearpaw - A - Results of Question T3



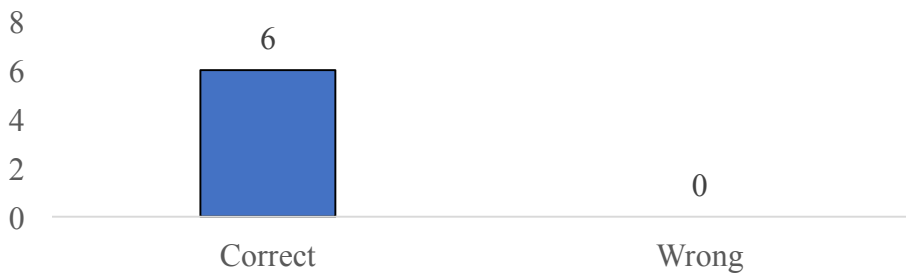
T4 - Blue Spruce

Figure 29. Bearpaw - A - Results of Question T4



T5 - Weeping Willow

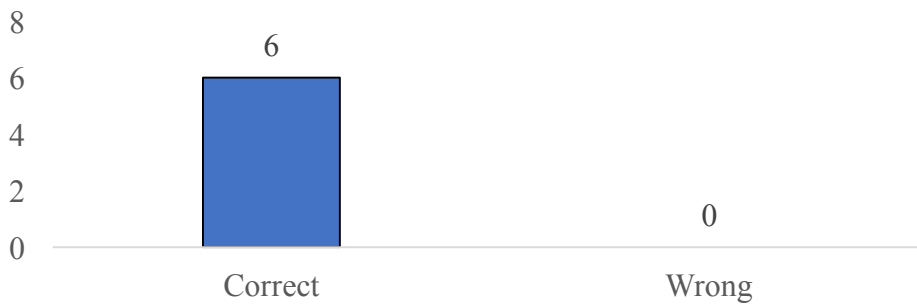
Figure 30. Bearpaw - A - Results of Question T5



Common Vertebrates (1 point each Max 5 points) - Enter correct name on your answer sheet.

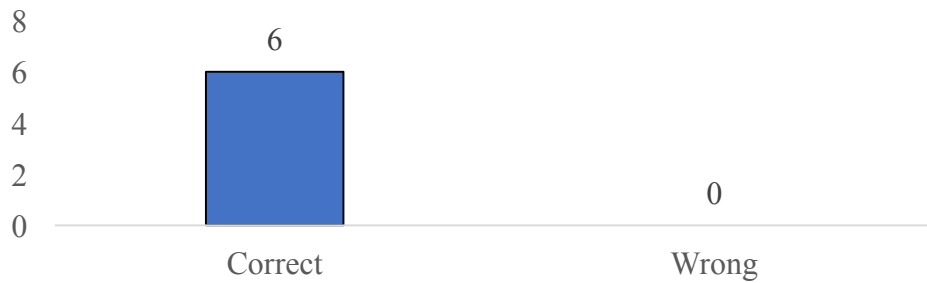
V1 – Beaver

Figure 31. Bearpaw - A - Results of Question V1



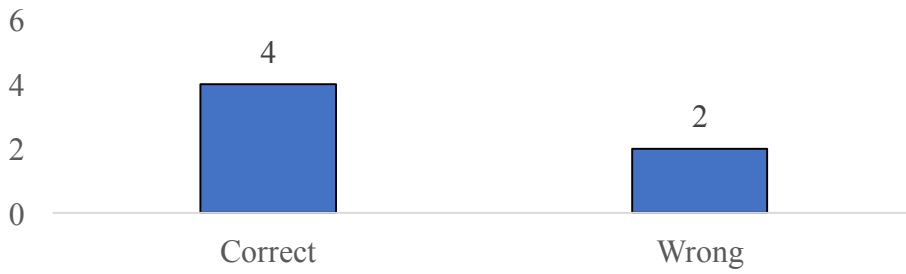
V2 - Elk

Figure 32. Bearpaw - A - Results of Question V2



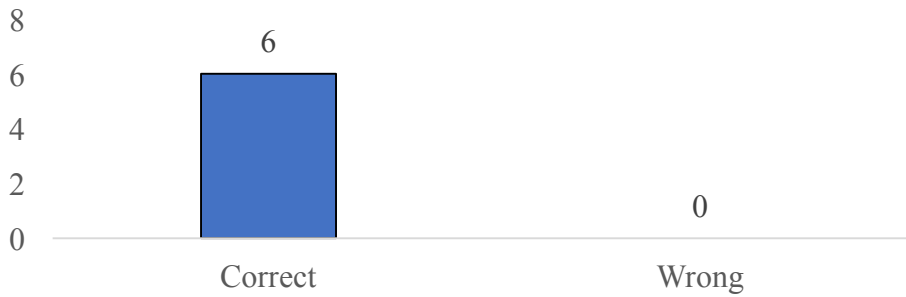
V3 – Turtle

Figure 33. Bearpaw - A - Results of Question V3



V4 - Bottlenose Dolphin

Figure 34. Bearpaw - A - Results of Question V4



V5 – Porcupine

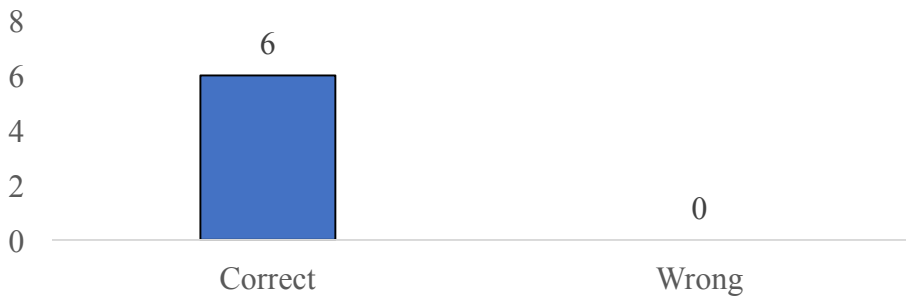
Figure 35. Bearpaw - A - Results of Question V5



Common Birds (1 point each Max 5 points) - Enter correct name on your answer sheet.

B1 - Bald Eagle

Figure 36. Bearpaw - A - Results of Question B1



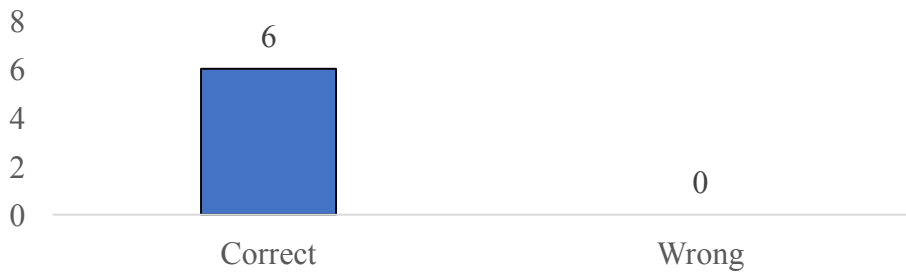
B2 - House Wren

Figure 37. Bearpaw - A - Results of Question B2



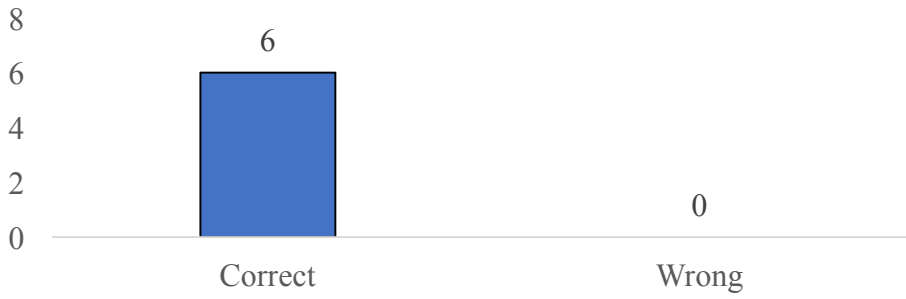
B3 - Northern Cardinal

Figure 38. Bearpaw - A - Results of Question B3



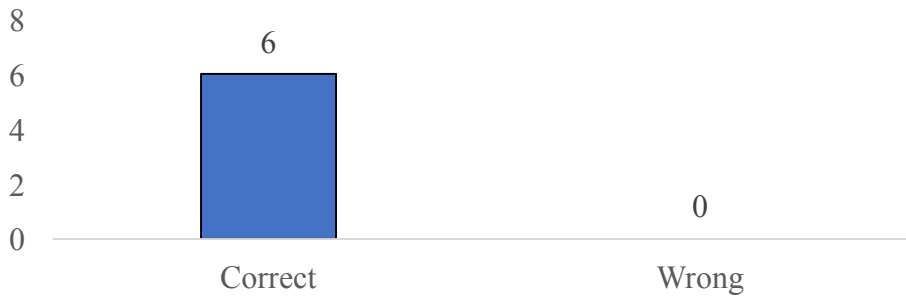
B4 - Canada Goose

Figure 39. Bearpaw - A - Results of Question B4



B5 – Roadrunner

Figure 40. Bearpaw - A - Results of Question B5



Bearpaw – Nature Test B Question Analysis

Common Plants (1 point each Max 5 points) - Enter correct name on your answer sheet.

P1 – Blackberry

Figure 41. Bearpaw - B - Results of Question P1



P2 - Bull Thistle

Figure 42. Bearpaw - B - Results of Question P2



P3 - Poison Oak

Figure 43. Bearpaw - B - Results of Question P3



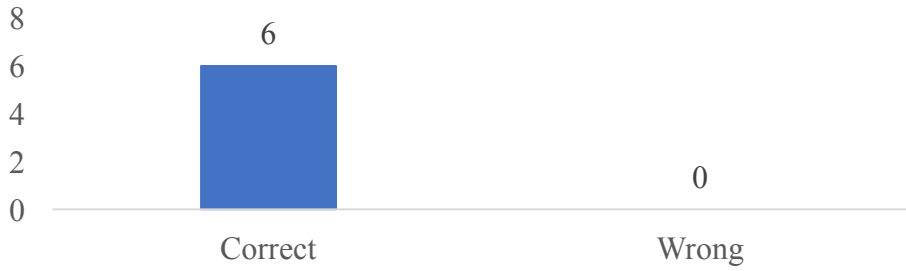
P4 – Kudzu

Figure 44. Bearpaw - B - Results of Question P4



P5 – Sunflower

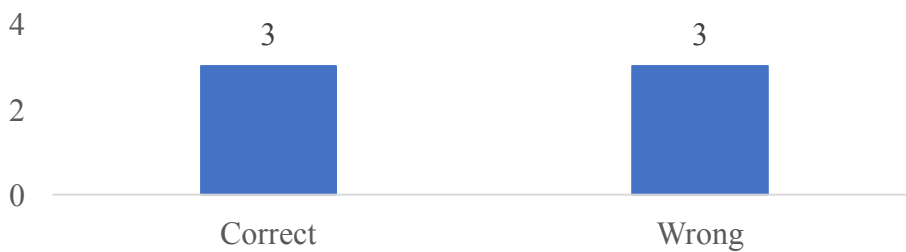
Figure 45. Bearpaw - B - Results of Question P5



Common Trees (1 point each Max 5 points) Enter correct name on your answer sheet.

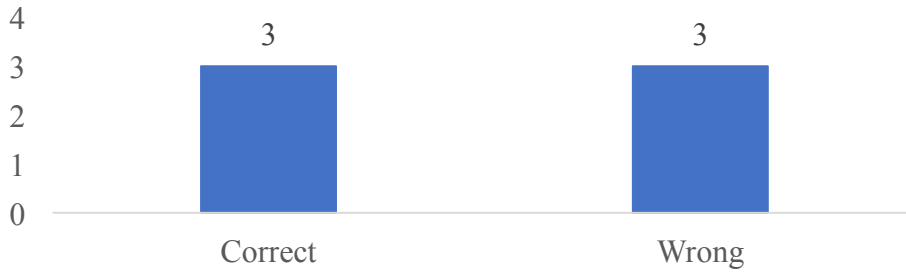
T1 - Southern Magnolia

Figure 46. Bearpaw - B - Results of Question T1



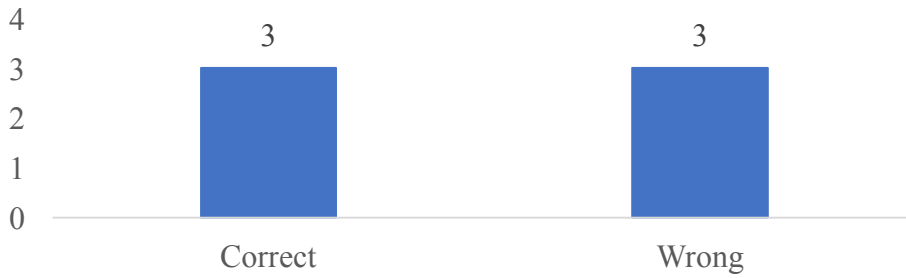
T2 - Flowering Dogwood

Figure 47. Bearpaw - B - Results of Question T2



T3 - River Birch

Figure 48. Bearpaw - B - Results of Question T3



T4 - Live Oak

Figure 49. Bearpaw - B - Results of Question T4



T5 - Pear Blossom

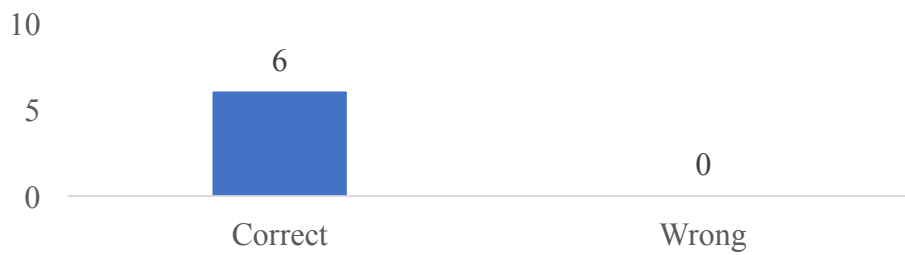
Figure 50. Bearpaw - B - Results of Question T5



Common Vertebrates (1 point each Max 5 points) Enter correct name on your answer sheet.

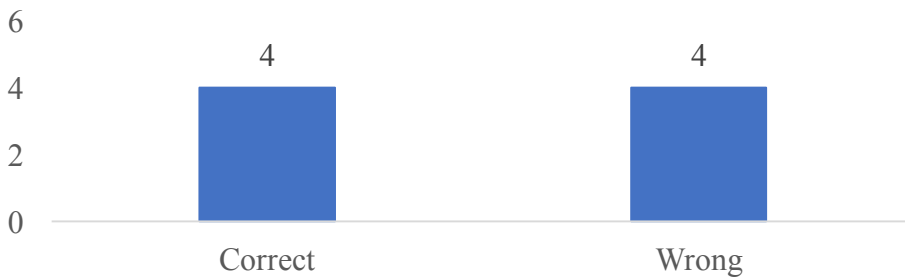
V1 – Rabbit

Figure 51. Bearpaw - B - Results of Question V1



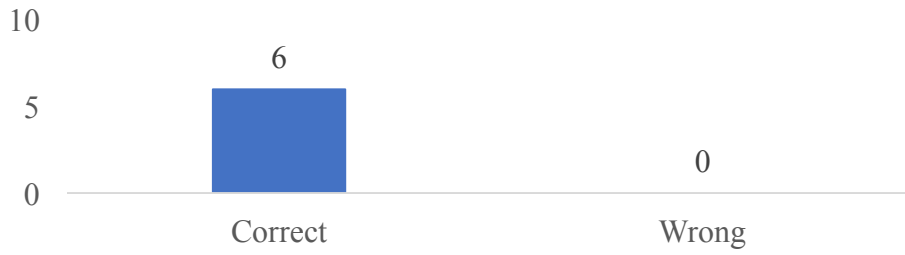
V2 – Alligator

Figure 52. Bearpaw - B - Results of Question V2



V3 - White-Tailed Deer

Figure 53. Bearpaw - B - Results of Question V3



V4 - Florida Manatee

Figure 54. Bearpaw - B - Results of Question V4



V5 – Moose

Figure 55. Bearpaw - B - Results of Question V5



Common Birds (1 point each Max 5 points) Enter correct name on your answer sheet.

B1 - Blue Jay

Figure 56. Bearpaw - B - Results of Question B1



B2 - Mallard Duck

Figure 57. Bearpaw - B - Results of Question B2



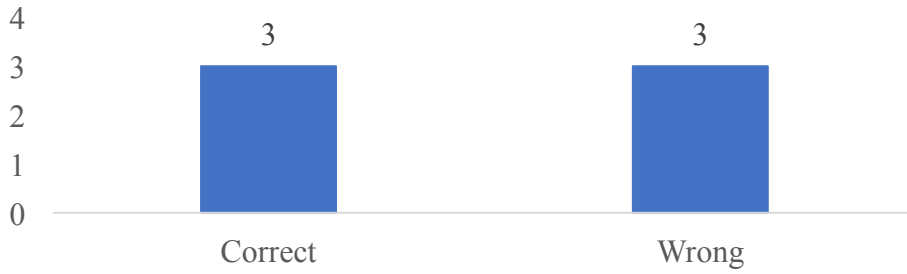
B3 - Brown Pelican

Figure 58. Bearpaw - B - Results of Question B3



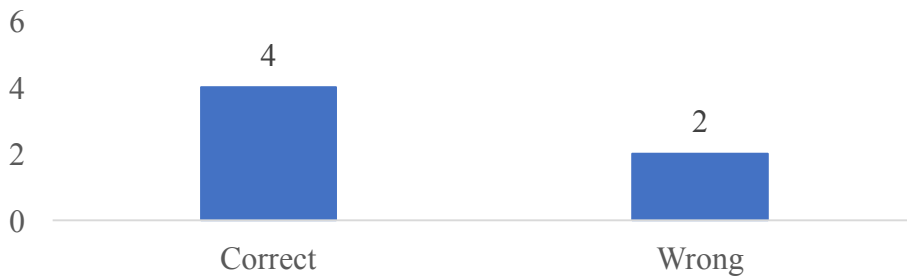
B4 - House Finch

Figure 59. Bearpaw - B - Results of Question B4



B5 - Mourning Dove

Figure 60. Bearpaw - B - Results of Question B5



Bearpaw – Nature Test C Question Analysis

Common Plants (1 point each Max 5 points) Enter correct name on your answer sheet.

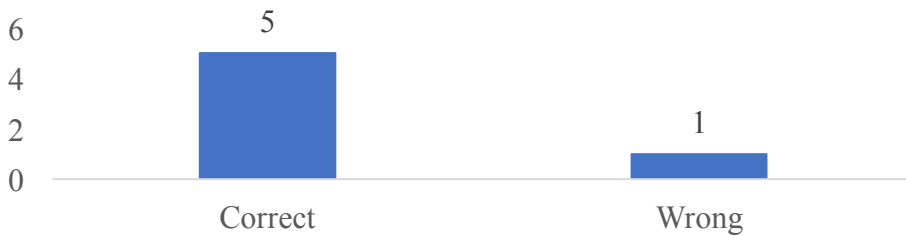
P1 – Honeysuckle

Figure 61. Bearpaw - C - Results of Question P1



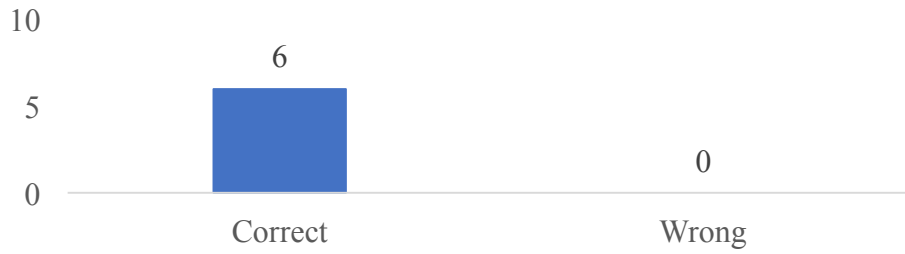
P2 – Woodfern

Figure 62. Bearpaw - C - Results of Question P2



P3 - Common Dandelion

Figure 63. Bearpaw - C - Results of Question P3



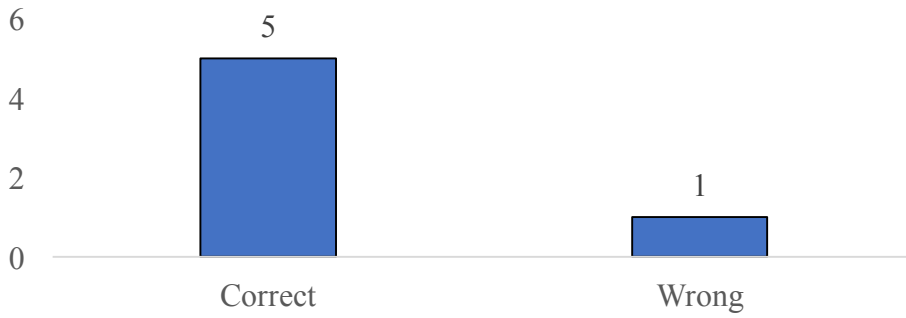
P4 - Oxeye Daisy

Figure 64. Bearpaw - C - Results of Question P4



P5 - Wild Strawberry

Figure 65. Bearpaw - C - Results of Question P5



Common Trees (1 point each Max 5 points) Enter correct name on your answer sheet.

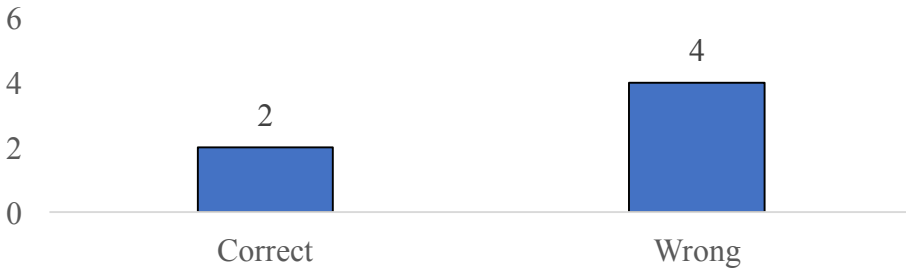
T1 - Pin Oak

Figure 66. Bearpaw - C - Results of Question T1



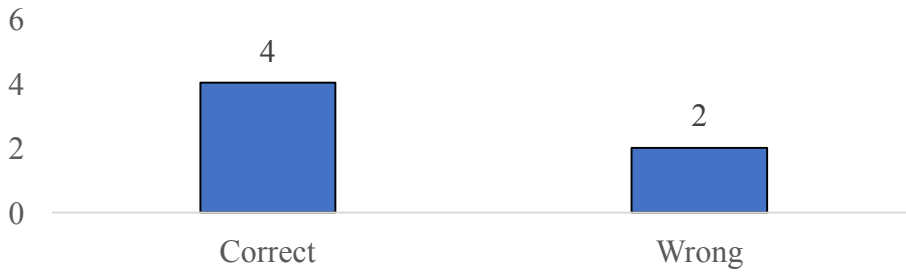
T2 - Red Maple

Figure 67. Bearpaw - C - Results of Question T2



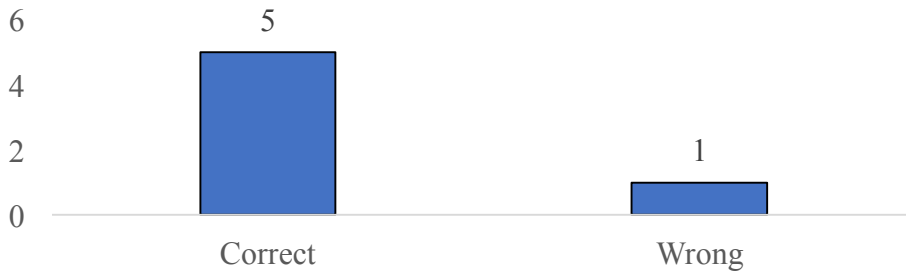
T3 - Flowering Dogwood

Figure 68. Bearpaw - C - Results of Question T3



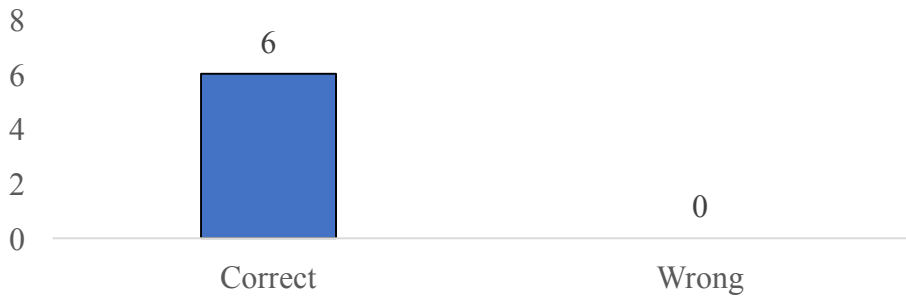
T4 - Southern Pine

Figure 69. Bearpaw - C - Results of Question T4



T5 - Weeping Willow

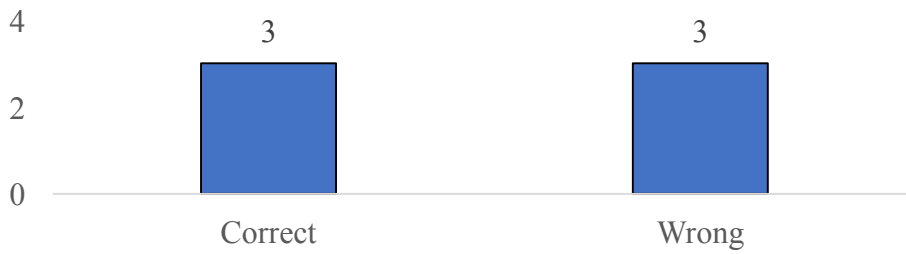
Figure 70. Bearpaw - C - Results of Question T5



Common Vertebrates (1 point each Max 5 points) Enter correct name on your answer sheet.

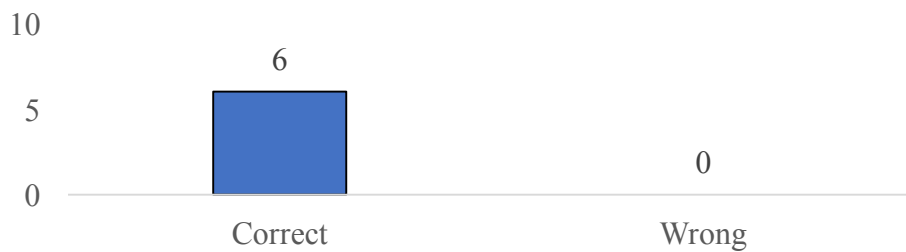
V1 - Eastern Diamondback Rattlesnake

Figure 71. Bearpaw - C - Results of Question V1



V2 - Striped Skunk

Figure 72. Bearpaw - C - Results of Question V2



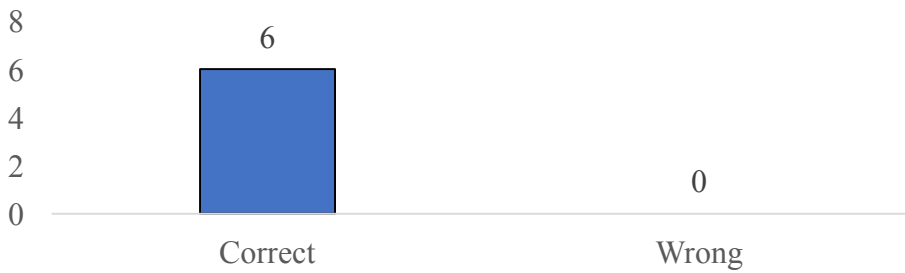
V3 – Woodchuck

Figure 73. Bearpaw - C - Results of Question V3



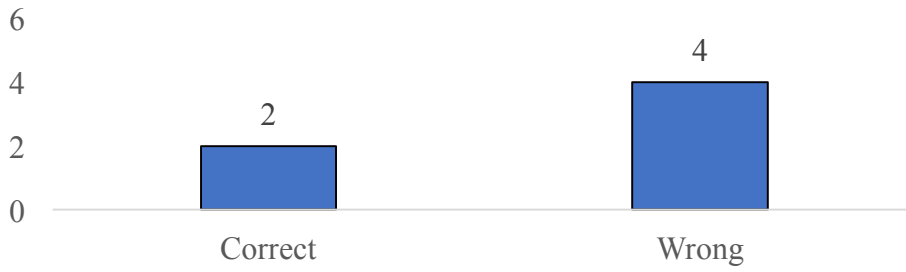
V4 – Squirrel

Figure 74. Bearpaw - C - Results of Question V4



V5 - Largemouth Bass

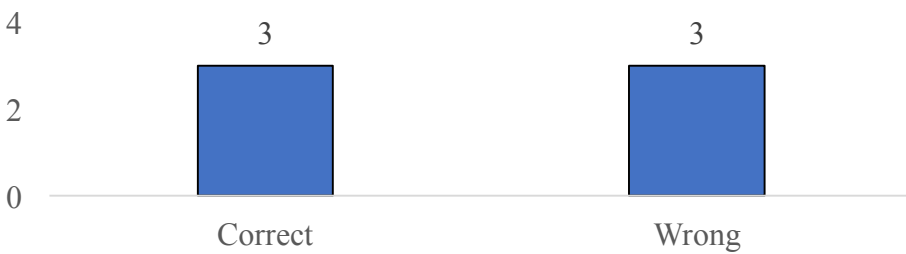
Figure 75. Bearpaw - C - Results of Question V5



Common Birds (1 point each Max 5 points) Enter correct name on your answer sheet.

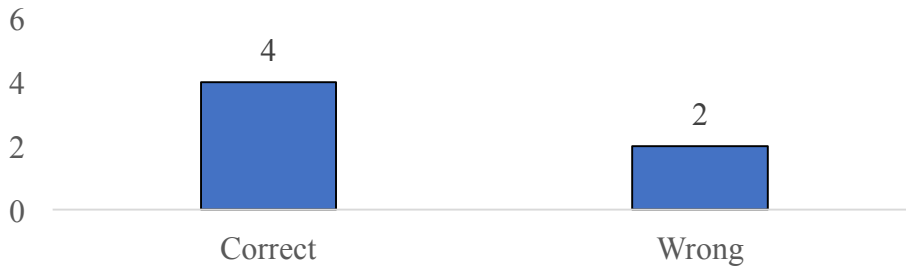
B1 - Eastern Bluebird

Figure 76. Bearpaw - C - Results of Question B1



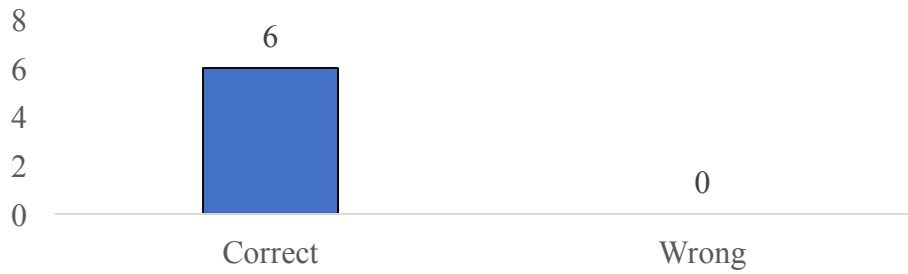
B2 - Red-Tailed Hawk

Figure 77. Bearpaw - C - Results of Question B2



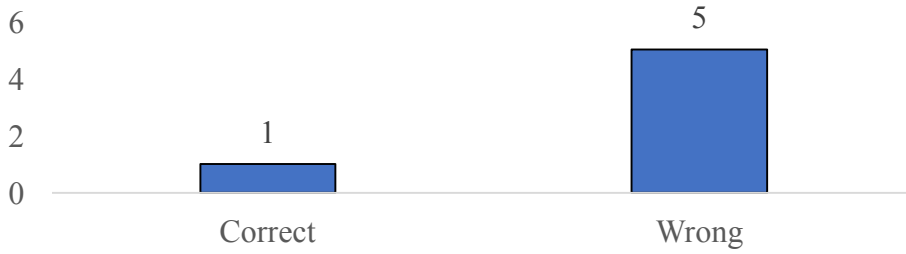
B3 - Ruby-Throated Hummingbird

Figure 78. Bearpaw - C - Results of Question B3



B4 - Redwing Blackbird

Figure 79. Bearpaw - C - Results of Question B4



B5 - Common Tern

Figure 80. Bearpaw - C - Results of Question B5



Fairbanks – Weather and Astronomy Test A Question Analysis

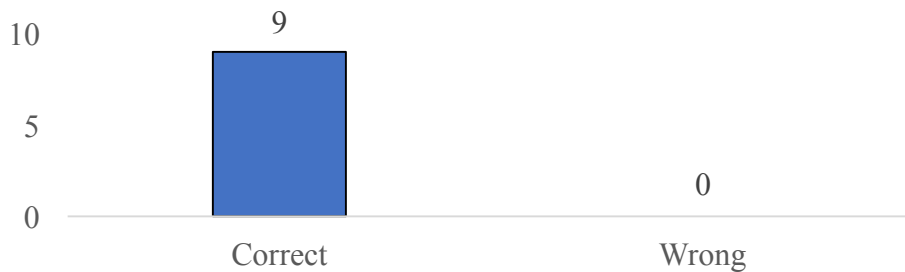
1. C Generally, when the atmospheric pressure is low what happens to the wind? **A.** It is pushed away. **B.** It is warm. **C.** It is pulled in. **D.** It is very cold.

Figure 81. Fairbanks - A - Results of Question 1

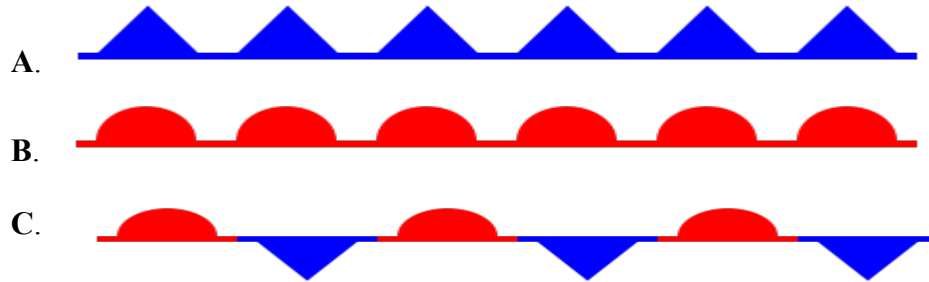


2. D Isobars indicate what? **A.** Types of Clouds, **B.** Types of Tornadoes, **C.** Types of Hurricanes, **D.** Types of Fronts.

Figure 82. Fairbanks - A - Results of Question 2

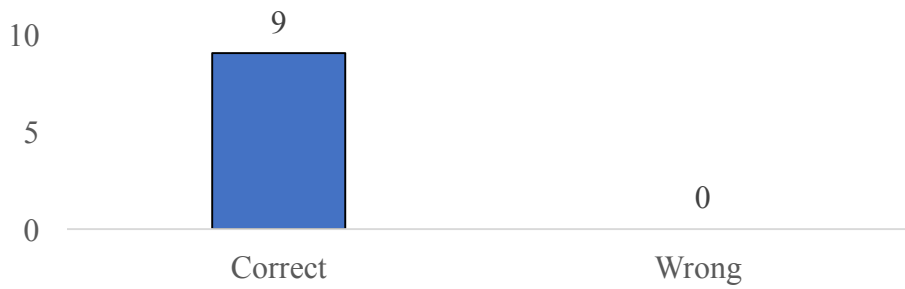


Match the illustration with the type of front.



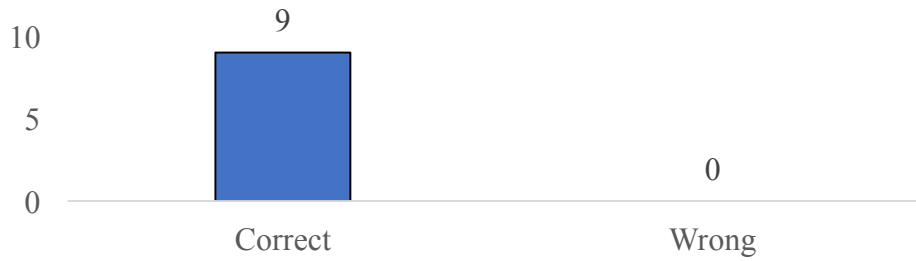
3. C Stationary Front

Figure 83. Fairbanks - A - Results of Question 3



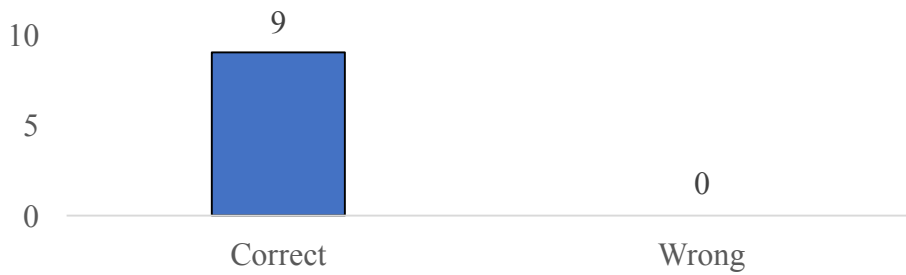
4. B Warm Front

Figure 84. Fairbanks - A - Results of Question 4



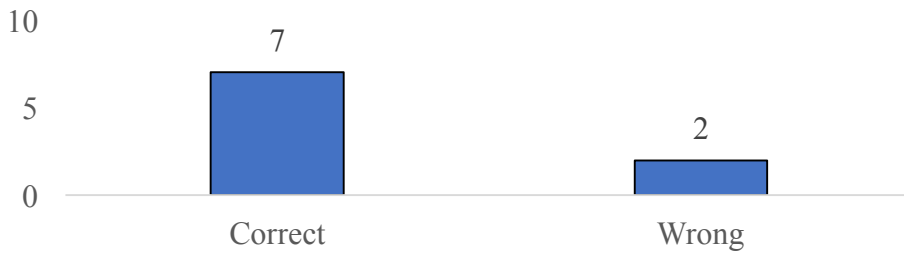
5. A Cold Front

Figure 85. Fairbanks - A - Results of Question 5



6. C Cirrus cloud looks like? **A.** Heap Clouds, **B.** Layer Clouds, **C.** Streak Clouds, **D.** Contrail Clouds

Figure 86. Fairbanks - A - Results of Question 6



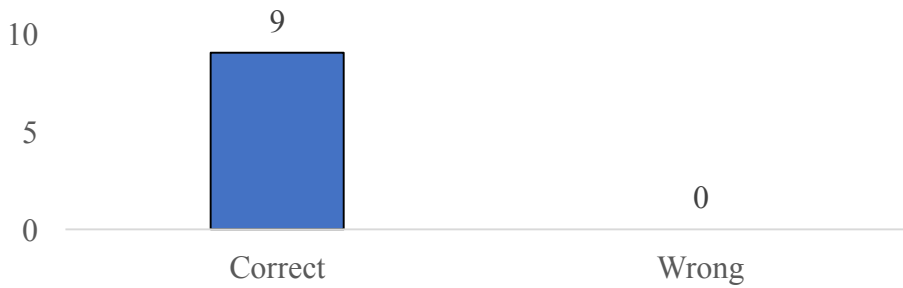
7. B Stratus cloud looks like? **A.** Heap Clouds, **B.** Layer Clouds, **C.** Streak Clouds, **D.** Contrail Clouds

Figure 87. Fairbanks - A - Results of Question 7



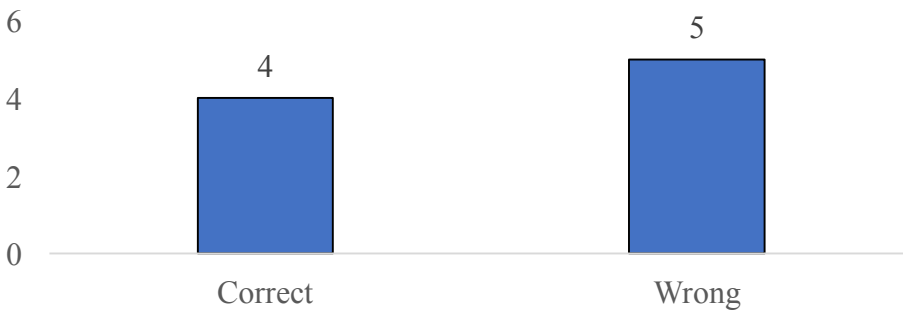
8. If clouds develop into dark cumulonimbus thunderheads what should Scouts do when not in the backcountry? **Take cover in a shelter or car**

Figure 88. Figure 87. Fairbanks - A - Results of Question 8



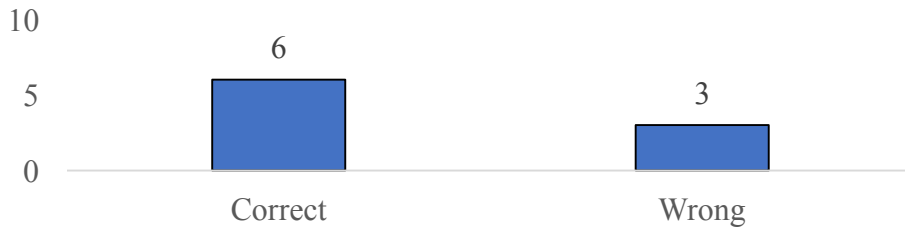
9. If Scouts see cirrus clouds not attached to one another what does that indicate? **The weather will stay fair for a while**

Figure 89. Fairbanks - A - Results of Question 9



10. About six or seven miles up the atmosphere carries what type of charge? (Circle one)
Negative Positive

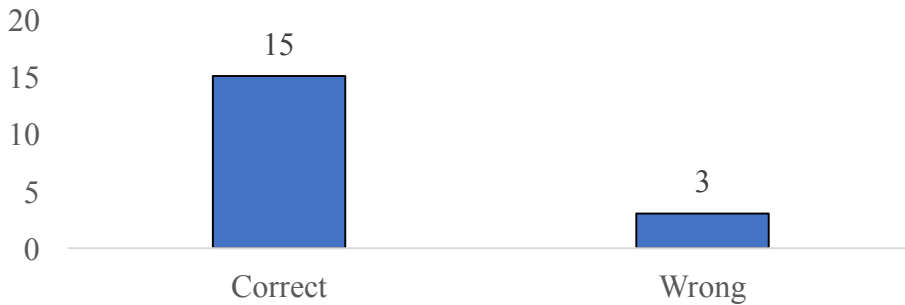
Figure 90. Fairbanks - A - Results of Question 10



11. Give an example of an old saying that might indicate stormy weather.

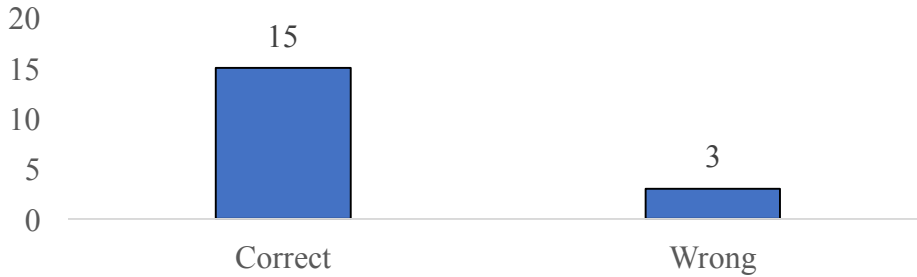
“Red sky at night, sailor’s delight” or “Swallows flying way up high means there’s no rain in the sky” or “If smoke goes high, no rain comes by” or “When the dew is on the grass, rain will never come to pass”

Figure 91. Fairbanks - A - Results of Question 11



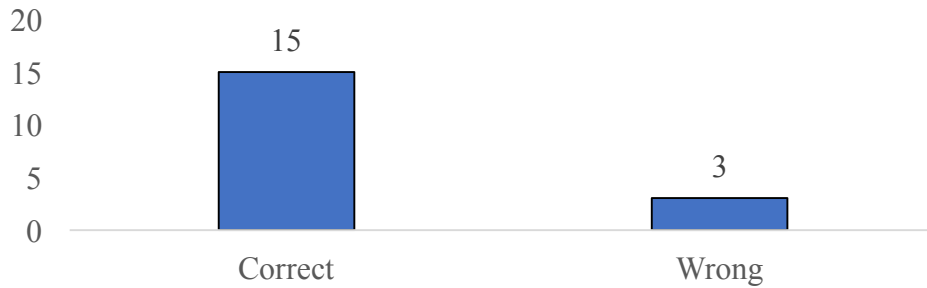
12. What type of weather might a Scout be concerned about if he sees very dark clouds with a greenish tint, heavy rain, hail and a roaring sound? **Tornadoes**

Figure 92. Fairbanks - A - Results of Question 12



13. What is the name given to grouped stars together in the sky? **Constellations**

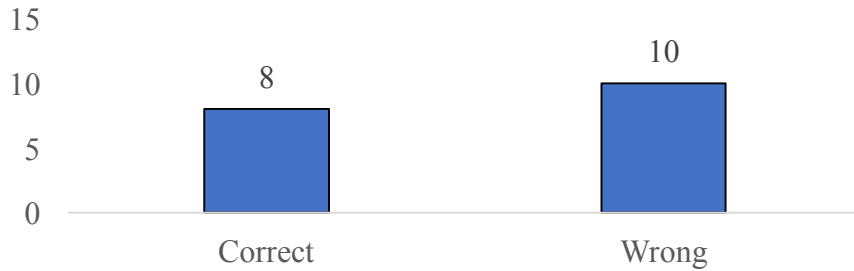
Figure 93. Fairbanks - A - Results of Question 13



14. What is the name of a map that shows the heavens? **Star Chart**.

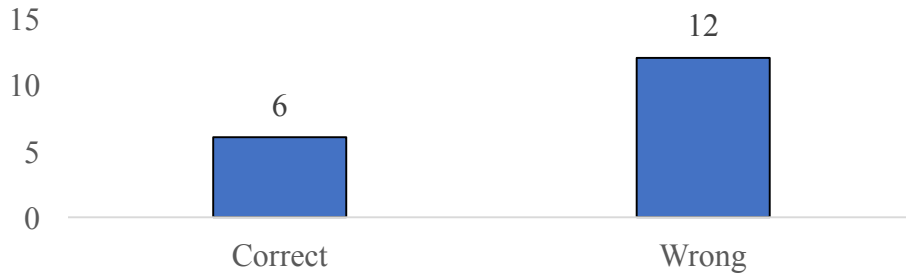
Will these maps be the same for all locations on the earth? (Circle one) Yes No

Figure 94. Fairbanks - A - Results of Question 14



15. Another name for the constellation Orion is? **The Hunter**

Figure 95. Fairbanks - A - Results of Question 15



Fairbanks – Weather and Astronomy Test B Question Analysis

1. C When a region experiences high atmospheric pressure it usually indicates **A.** Rainy weather, **B.** Windy weather, **C.** Stable weather, **D.** Unstable weather

Figure 96. Fairbanks - B - Results of Question 1

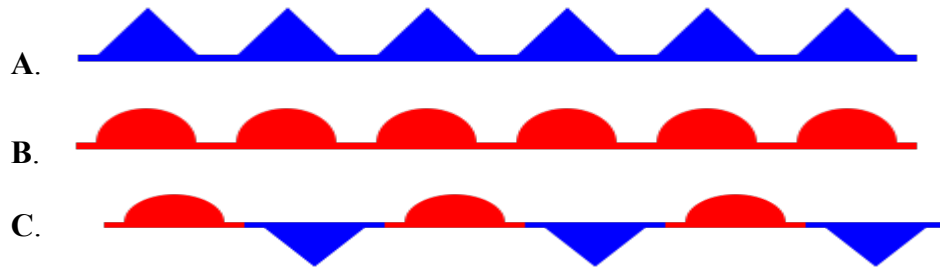


2. A What are the lines on a weather map called? **A.** Isobars, **B.** Weather bars, **C.** Current bars, **D.** Cumulus bars

Figure 97. Fairbanks - B - Results of Question 2



Match the illustration with the type of front.



3. B Warm Front

Figure 98. Fairbanks - B - Results of Question 3



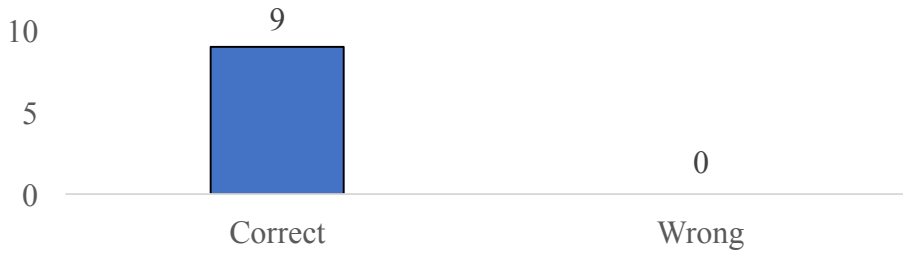
4. A Cold Front

Figure 99. Fairbanks - B - Results of Question 4



5. C Stationary Front

Figure 100. Fairbanks - B - Results of Question 5



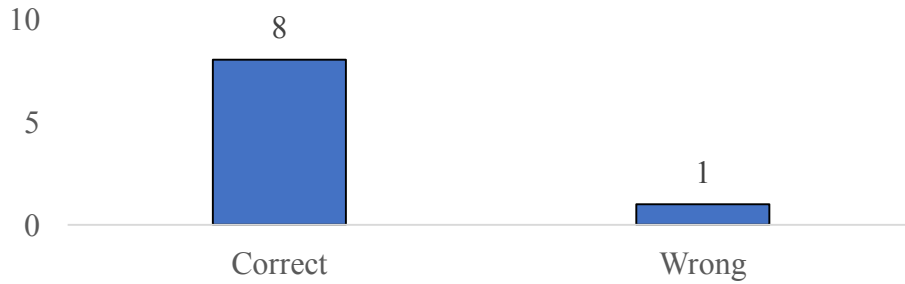
6. B Stratus cloud looks like? **A.** Heap Clouds, **B.** Layer Clouds, **C.** Streak Clouds, **D.** Contrail Clouds

Figure 101. Fairbanks - B - Results of Question 6



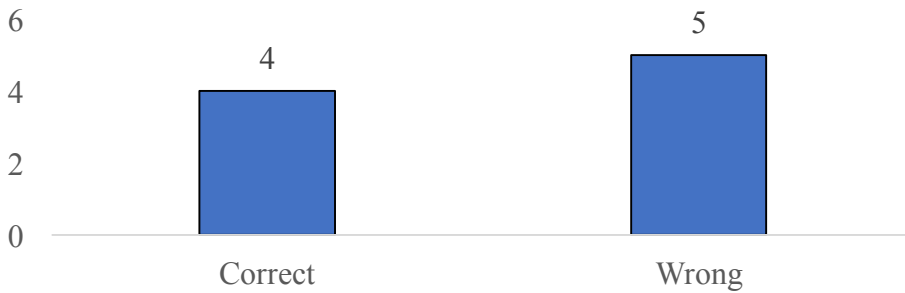
7. C Cirrus cloud looks like? A. Heap Clouds, B. Layer Clouds, C. Streak Clouds, D. Contrail Clouds

Figure 102. Fairbanks - B - Results of Question 7



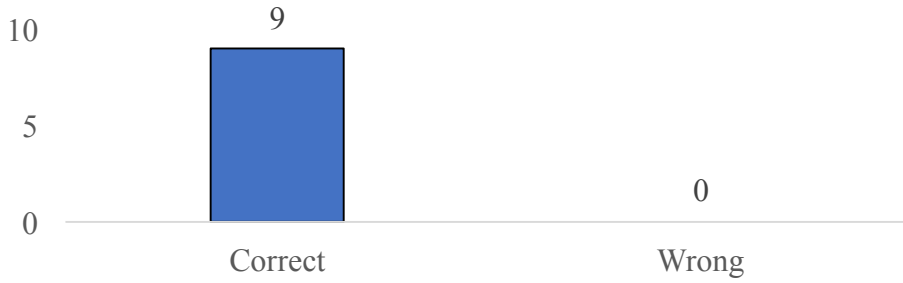
8. If Scouts see cirrus clouds not attached to one another what does that indicate? **The weather will stay fair for a while**

Figure 103. Fairbanks - B - Results of Question 8



9. If clouds develop into dark cumulonimbus thunderheads what should Scouts do when not in the backcountry? **Take cover in a shelter or car**

Figure 104. Fairbanks - B - Results of Question 9



10. The basic electrical charge of the Earth's surface is (Circle one) **Negative** Positive

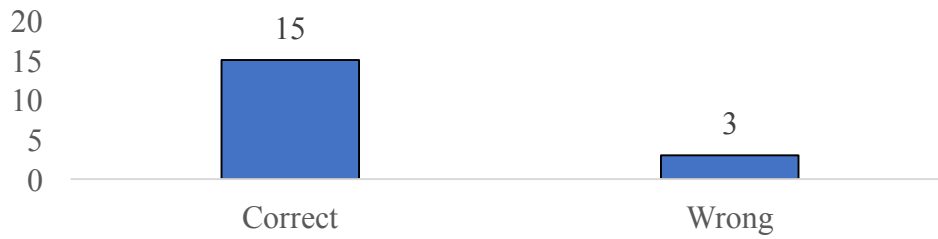
Figure 105. Fairbanks - B - Results of Question 10



11. Give an example of an old saying that might indicate stormy weather.

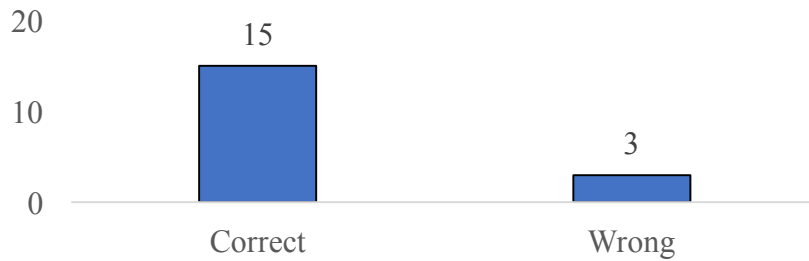
“Red sky at night, sailor’s delight” or “Swallows flying way up high means there’s no rain in the sky” or “If smoke goes high, no rain comes by” or “When the dew is on the grass, rain will never come to pass”

Figure 106. Fairbanks - B - Results of Question 11



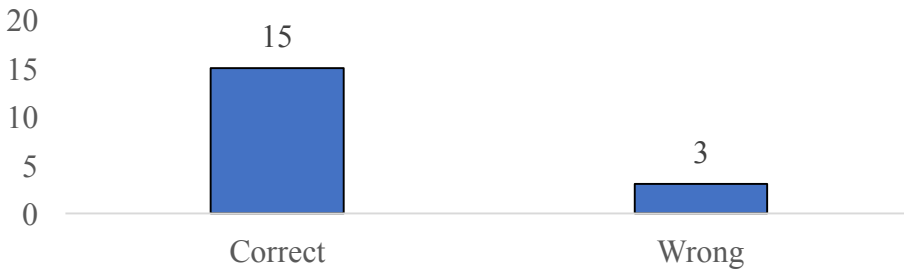
12. What type of weather might result from deep low-pressure area over warm ocean water with winds that can be well over 100 miles per hour? **Hurricanes**

Figure 107. Fairbanks - B - Results of Question 12



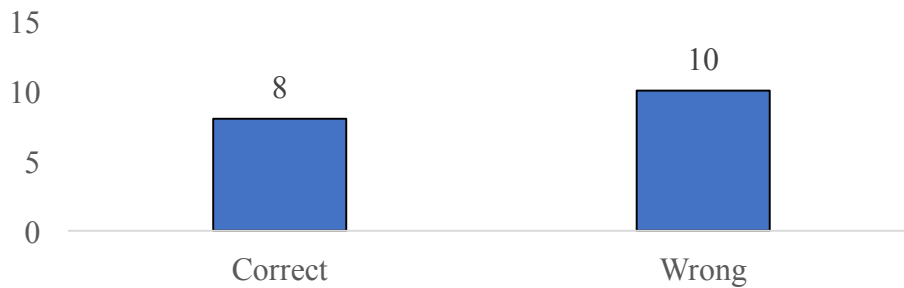
13. What is the name given to grouped stars together in the sky? **Constellations**

Figure 108. Fairbanks - B - Results of Question 13



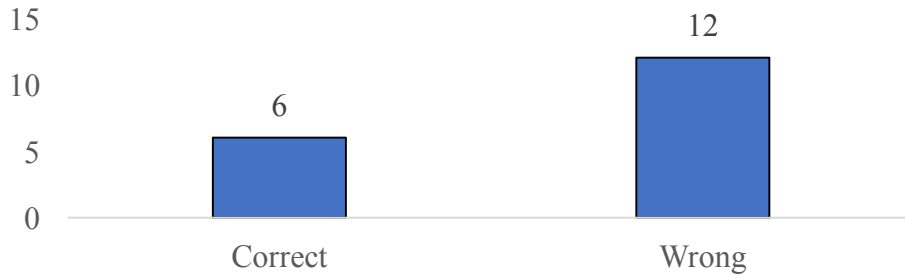
14. What is the name of a map that shows the heavens? **Star Chart**

Figure 109. Fairbanks - B - Results of Question 14



15. Another name for the constellation Orion is? **The Hunter**

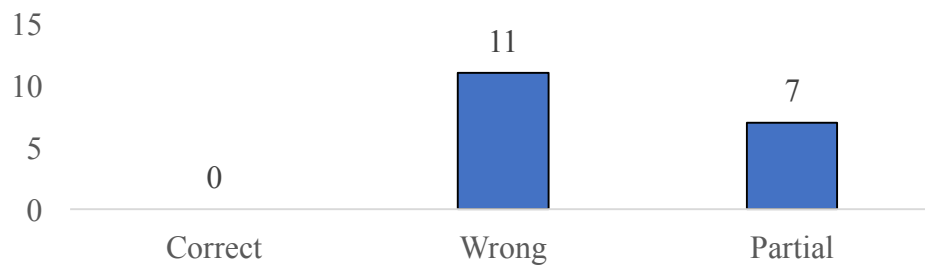
Figure 110. Fairbanks - B - Results of Question 15



Fort Selkirk – Compass Course A Question Analysis

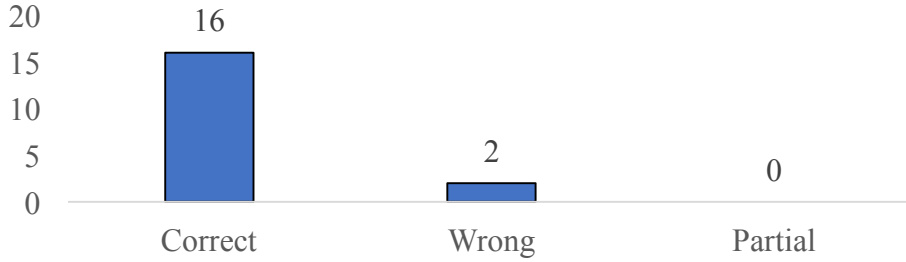
1. Let's say that you want to travel west, which is 270 degrees. Here are the steps in which you must fill in the blanks to complete the task. (1 point per question – Max 3 points)
 - a. Rotate the compass housing until W or 270 lines up with what? **Direction of Travel Arrow**
 - b. Hold the compass flat in front of your stomach and turn your body until the north end of the magnetic needle lines up with the north end of what? **Orienting Arrow**
 - c. What compass marking would you use to determine which way you should go? **Direction of Travel Arrow**

Figure 111. Fort Selkirk - A - Results of Question 1



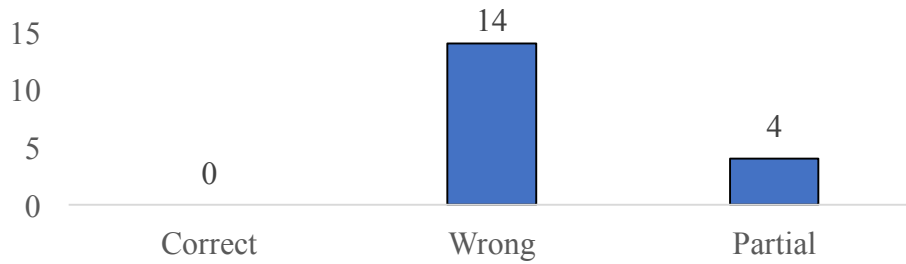
2. Where does the needle on the compass actually point to? (2 points) **Magnetic North**

Figure 112. Fort Selkirk - A - Results of Question 2



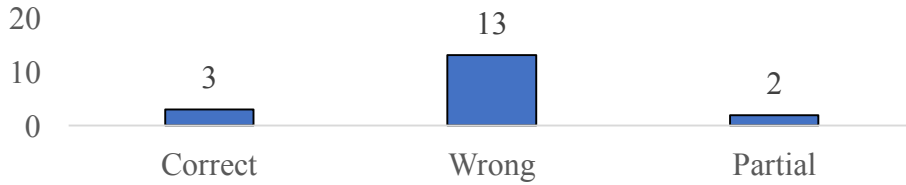
3. Most GPS receivers can accept data in either or both of two formats. (Max 2 points) They are: (Max 2 points) **UTM (Universal Transversal Mercator System), Longitude/Latitude**

Figure 113. Fort Selkirk - A - Results of Question 3



4. What three units are used to describe a coordinate? They are: (Max 3 points)
Degrees, Minutes, Seconds

Figure 114. Fort Selkirk - A - Results of Question 4



5. Compass Course: **Test A**

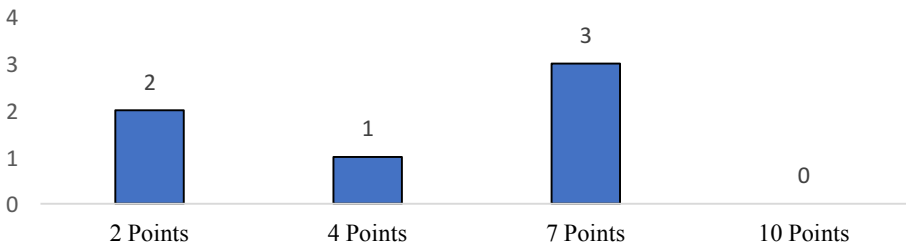
(Max 10 points. On the correct marker - 10 points. One marker off either way - 7 points.
 Two markers off either way - 4 points. Attempted but more than three markers off - 2 points)

Start at Point # 4
 Go 81 degrees for 73 feet
 Then 312 degrees for 100 feet
 Then 168 degrees for 80 feet

Record the marker closest to and in your line of travel.

Correct Answer is 7

Figure 115. Fort Selkirk - A - Results of Test A



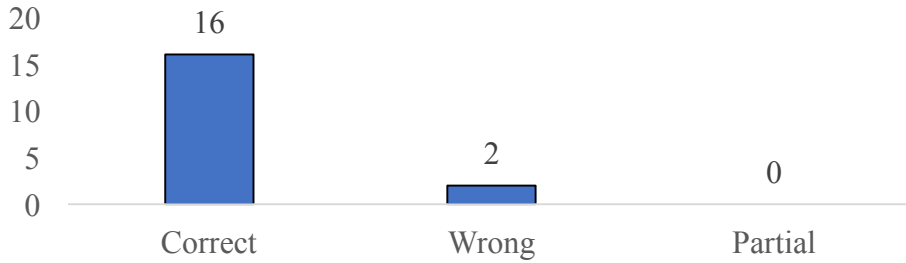
Fort Selkirk – Compass Course B Question Analysis

1. Let's say that you want to travel west, which is 270 degrees. Here are the steps in which you must fill in the blanks to complete the task. (1 point per question – Max 3 points)
 - a. Rotate the compass housing until W or 270 lines up with what? **Direction of Travel Arrow**
 - b. Hold the compass flat in front of your stomach and turn your body until the north end of the magnetic needle lines up with the north end of what? **Orienting Arrow**
 - c. What compass marking would you use to determine which way you should go? **Direction of Travel Arrow**

Figure 116. Fort Selkirk - B - Results of Question 1

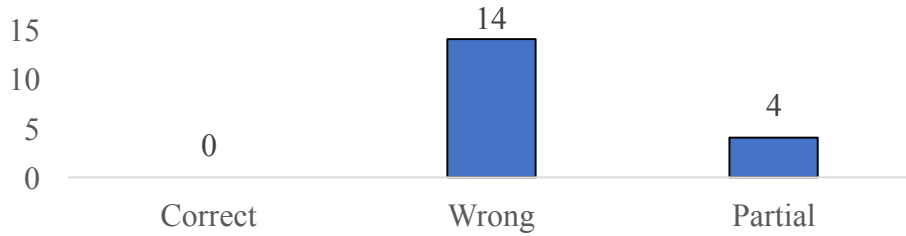
2. Where does the needle on the compass actually point to? (2 points) **Magnetic North**

Figure 117. Fort Selkirk - B - Results of Question 2



3. Most GPS receivers can accept data in either or both of two formats. They are: (Max 2 points) **UTM (Universal Transversal Mercator System) and Longitude/ Latitude**

Figure 118. Fort Selkirk - B - Results of Question 3



4. What three units are used to describe a coordinate? They are: (Max 3 points)
Degrees, Minutes, Seconds

Figure 119. Fort Selkirk - B - Results of Question 4



5. Compass Course: **Test B**

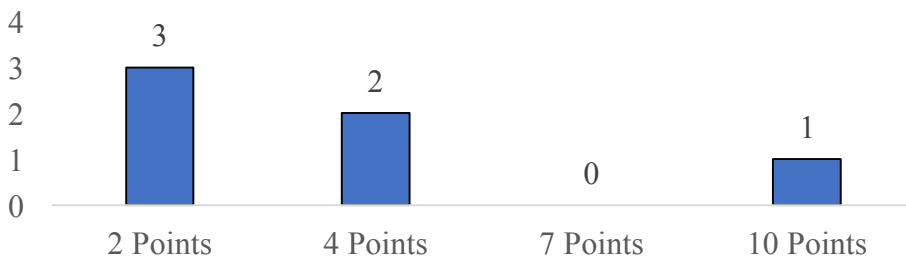
(Max 10 points. On the correct marker - 10 points. One marker off either way - 7 points.
 Two markers off either way - 4 points. Attempted but more than three markers off - 2 points)

Start at Point # 8
 Go 45 degrees for 76 feet
 Then 266 degrees for 78 feet
 Then 129 degrees for 76 feet

Record the marker closest to and in your line of travel.

Correct Answer is 15

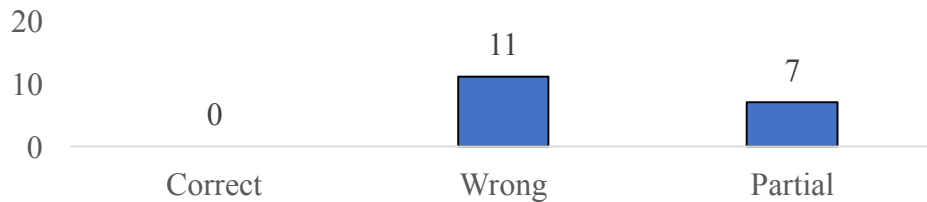
Figure 120. Fort Selkirk - B - Results of Test B



Fort Selkirk – Compass Course C Question Analysis

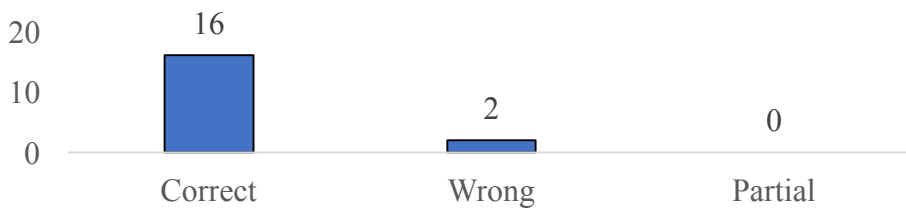
1. Let’s say that you want to travel west, which is 270 degrees. Here are the steps in which you must fill in the blanks to complete the task. (1 point per question – Max 3 points)
 - a. Rotate the compass housing until W or 270 lines up with what? **Direction of Travel Arrow**
 - b. Hold the compass flat in front of your stomach and turn your body until the north end of the magnetic needle lines up with the north end of what? **Orienting Arrow**
 - c. What compass marking would you use to determine which way you should go? **Direction of Travel Arrow**

Figure 121. Fort Selkirk - C - Results of Question 1



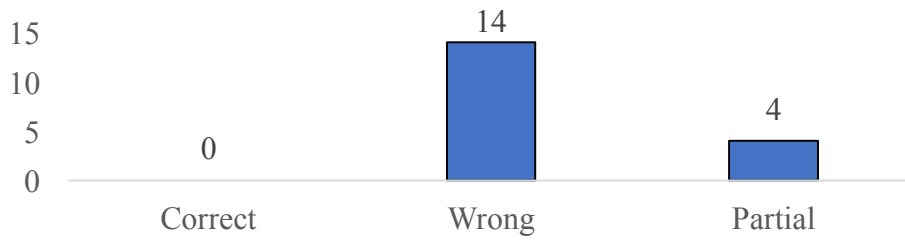
2. Where does the needle on the compass actually point to? (2 points) **Magnetic North**

Figure 122. Fort Selkirk - C - Results of Question 2



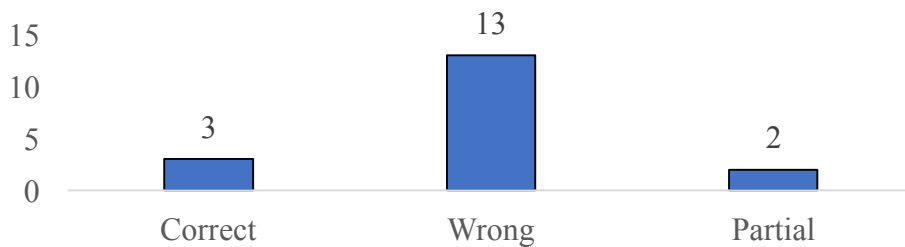
3. Most GPS receivers can accept data in either or both of two formats. (Max 2 points) They are: (Max 2 points) UTM (**Universal Transversal Mercator System**), **Longitude/ Latitude**

Figure 123. Fort Selkirk - C - Results of Question 3



4. What three units are used to describe a coordinate? They are: (Max 3 points) **Degrees, Minutes, Seconds**

Figure 124. Fort Selkirk - C - Results of Question 3



5. Compass Course: **Test C**

(Max 10 points. On the correct marker - 10 points. One marker off either way - 7 points. Two markers off either way - 4 points. Attempted but more than three markers off - 2 points)

Start at Point # 17

Go 347 degrees for 80 feet

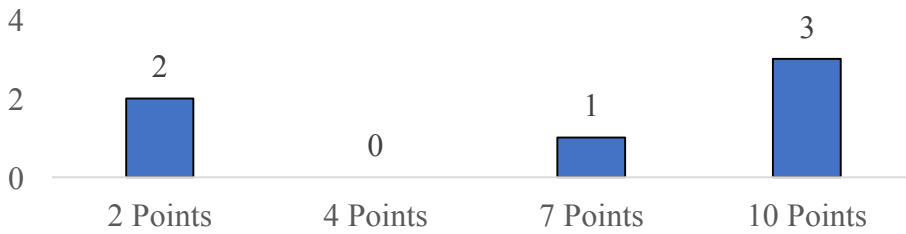
Then 166 degrees for 75 feet

Then 265 degrees for 60 feet

Record the marker closest to and in your line of travel.

Correct Answer is 5

Figure 125. Fort Selkirk - C - Results of Test C



Kodiak Citizenship Test A Question Analysis

1. The Second Continental Congress adopted the final version of what document on July 4, 1776? (1 point) **Declaration of Independence**

Figure 126. Kodiak - A - Results of Question 1

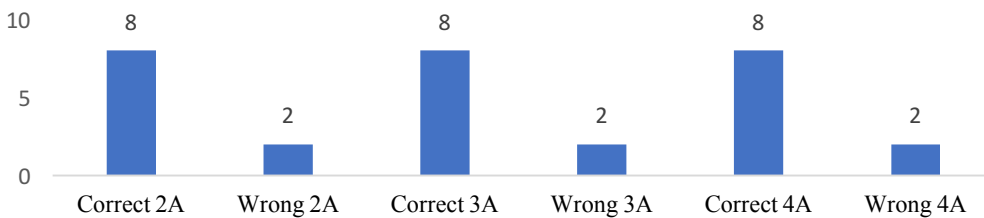


Match the following definitions with the correct type of government. (1 point each Max 3 points)

2. **B** Supreme Power is in the hands of the citizens
3. **F** Supreme power is held by a religious leader
4. **A** Supreme power is in the hands of a king or queen who inherited the position and reigns for life.

A. Monarchy **B.** Dictatorship **C.** Oligarchy **D.** Democracy **E.** Theocracy **F.** Republic

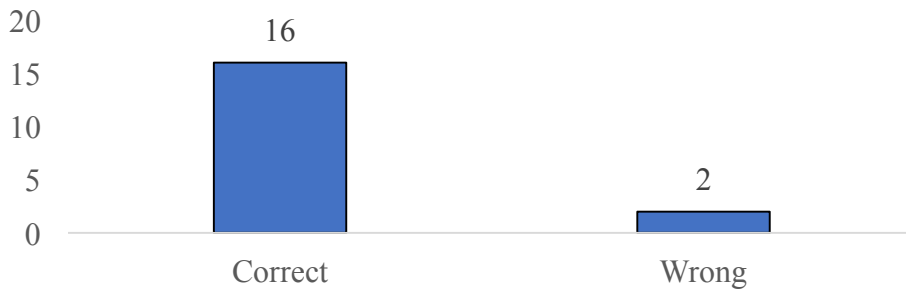
Figure 127. Kodiak - A - Results of Question 2-3-4



5. B In their first attempt in forming a government, the Founding Fathers wrote what document?

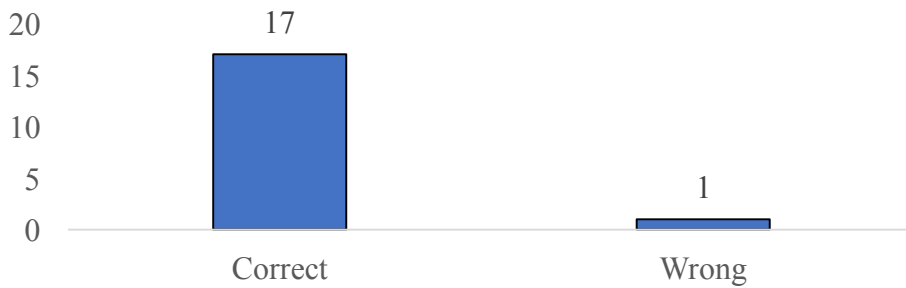
- A. Magna Carta B. Articles of Confederation C. Committee of Correspondence D. Bill of Rights

Figure 128. Kodiak - A - Results of Question 5



6. What is the term that means, “to change” the Constitution? (1 point) **Amend or Amendment**

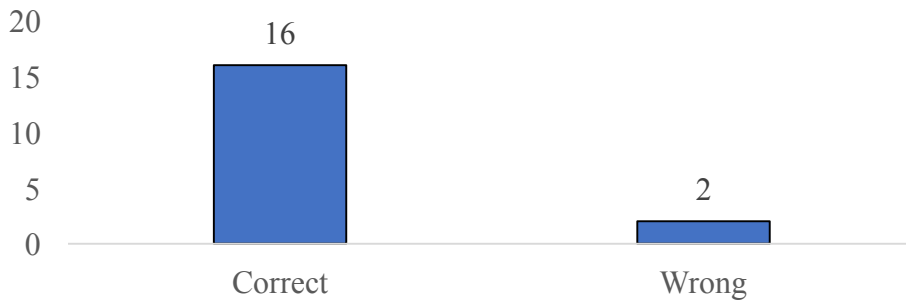
Figure 129. Kodiak - A - Results of Question 6



7. As a citizen of the U.S. you have certain rights. Name 4 of these rights. (1/2 point each Max 2 points).

Worship where you would like. Say what you think. Own things. Live where you want. Go to school. Vote. Receive a trial by jury.

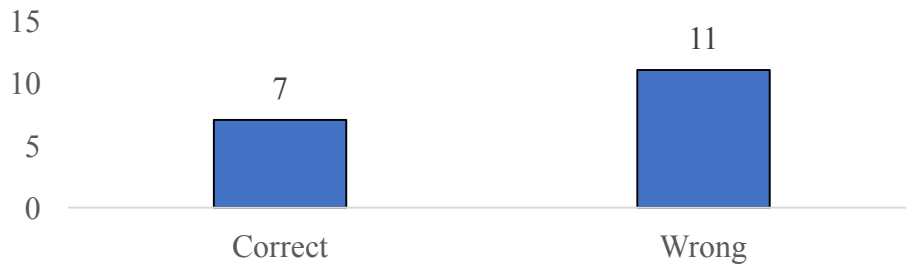
Figure 130. Kodiak - A - Results of Question 7



8. In return for the rights we have as citizens, we have several responsibilities. Name 4 of these. (1/2 point each Max 2 points)

Obey laws, Respect rights and property of others, Serve on a jury, Pay taxes, Vote, Keep up with current events, Be an instrument for change

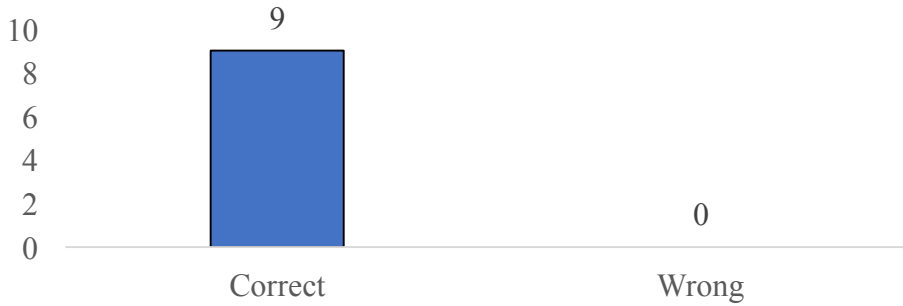
Figure 131. Kodiak - A - Results of Question 8



9. What type of government do we have in the United States? (1 point)

Representative Democracy, or Republic, or Democracy

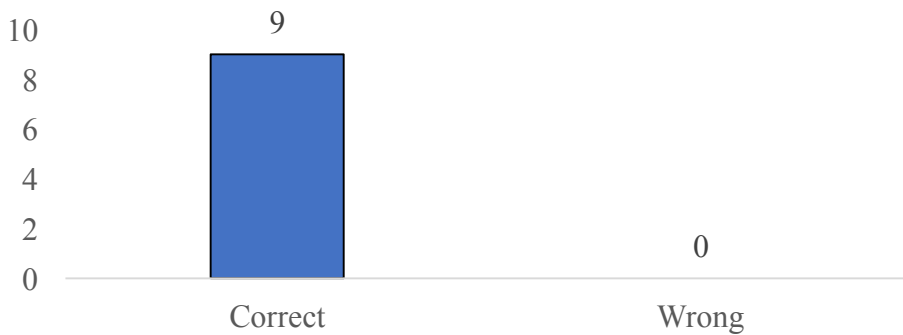
Figure 132. Kodiak - A - Results of Question 9



10. Name the three branches of our government. (1/3 point each. Max 1 point)

Legislative (Congress), Executive (President), Judicial (Supreme Court)

Figure 133. Kodiak - A - Results of Question 10



11. What is the name for the first 10 amendments to the Constitution? (1 point) **Bill of Rights**

Figure 134. Kodiak - A - Results of Question 11



12. C The checks and balances of our Constitution does which of the following. (1 point)
A. Ensures that all the government bills are paid. **B.** Makes sure that our government is fair to all citizens. **C.** Makes sure that none of the three branches of government becomes too powerful.

Figure 135. Kodiak - A - Results of Question 12



13. The opening paragraph of the Constitution is called ? **Preamble**.

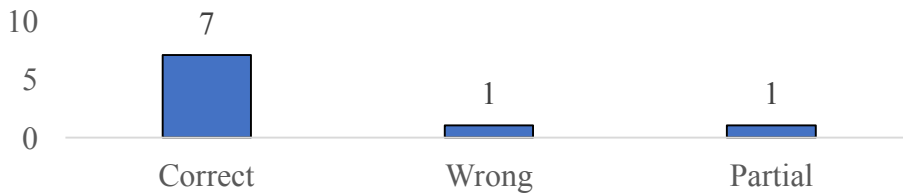
It states six reasons for creating this document. Name 2. (1 point each Max 3 points)

With flexibility, they can say the original words of the Preamble which is: “We the people of the United States, in order to form a more perfect Union, establish Justice, insure domestic Tranquility, provide for the common defense, promote the general Welfare and secure the Blessings of Liberty to ourselves and our Posterity, do ordain and establish the Constitution for the United States of America.”

Or they can use the description found in the MB p. 15:

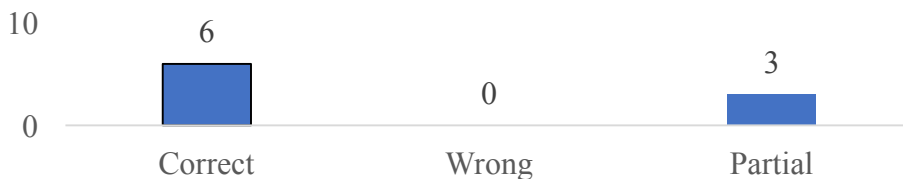
- **Strengthen the country by unifying the states,**
- **Enact and apply laws that treat all citizens reasonably, fair, and impartially,**
- **Maintain order to ensure peace on home soil,**
- **Make sure that the country is prepared to defend itself from its enemies,**
- **Provide services and make efforts to improve the quality of life for all citizens,**
- **Preserve and protect the rights and liberties of Americans, and to pass those freedoms on to future generations.**

Figure 136. Kodiak - A - Results of Question 13



14. Demonstrate the correct way of folding the U. S. flag to the Leader. (3 point)

Figure 137. Kodiak - A - Results of Question 14



Kodiak Citizenship Test B Question Analysis

1. The Second Continental Congress adopted the final version of what document on July 4, 1776? **Declaration of Independence**

Figure 138. Kodiak - B - Results of Question 1

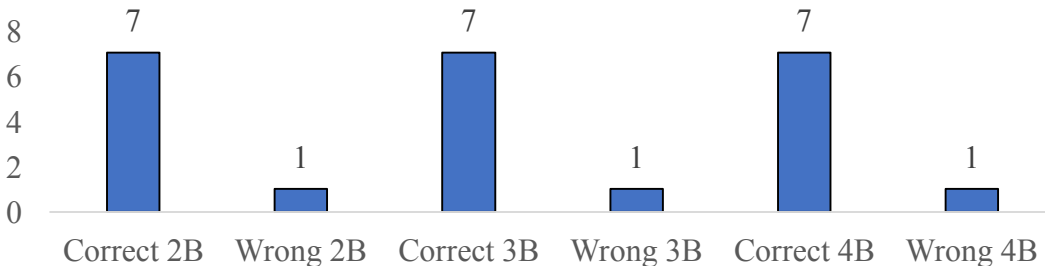


Match the following definitions with the correct type of government (1 point each Max 3 points)

2. **D** Supreme Power is in the hands of the citizens
3. **E** Supreme power is held by a religious leader
4. **A** Supreme power is in the hands of a king or queen who inherited the position and reigns for life

A. Monarchy **B.** Dictatorship **C.** Oligarchy **D.** Democracy **E.** Theocracy **F.** Republic

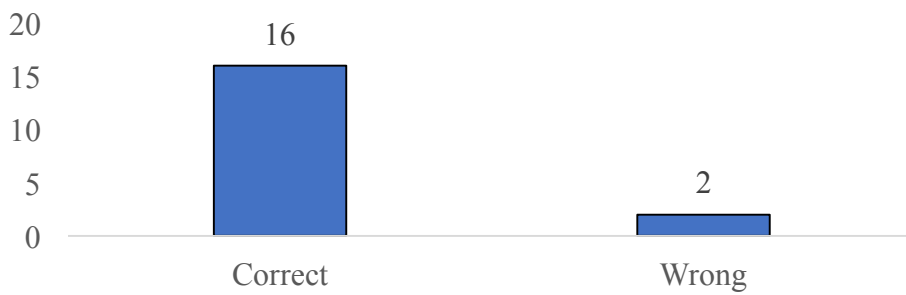
Figure 139. Kodiak - B - Results of Question 2-3-4



5. B In their first attempt in forming a government, the Founding Fathers wrote what document?

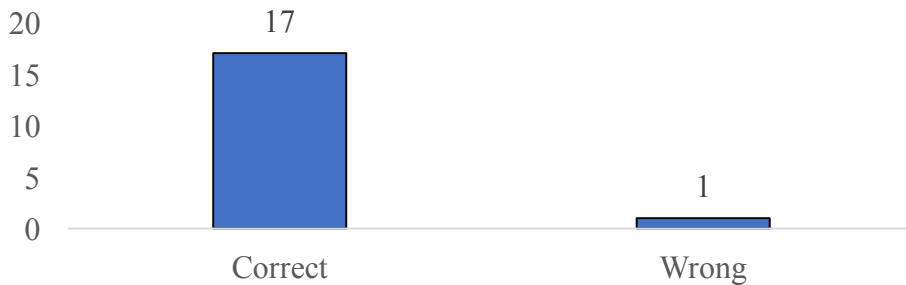
A. Magna Carta B. Articles of Confederation C. Committee of Correspondence D. Bill of Rights

Figure 140. Kodiak - B - Results of Question 5



6. What is the term that means, “to change” the Constitution? (1 point) **Amend or Amendment**

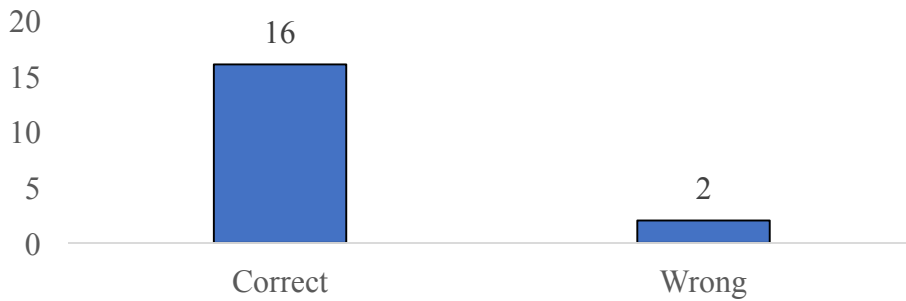
Figure 141. Kodiak - B - Results of Question 6



7. As a citizen of the U.S. you have certain rights. Name 4 of these rights.
(1/2 point each Max 2 points)

Worship where you would like, Say what you think, Own things, Live where you want, Go to school, Vote, and Receive a trial by jury.

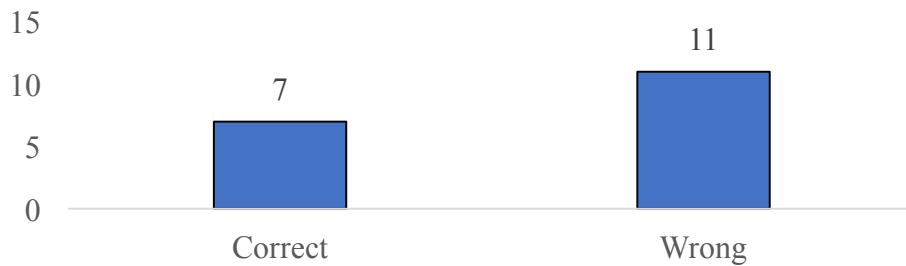
Figure 142. Kodiak - B - Results of Question 7



8. In return for the rights we have as citizens, we have several responsibilities. Name 4 of these. (1/2 point each Max 2 points)

Obey laws, Respect rights and property of others, Serve on a jury, Pay taxes, Vote, Keep up with current events, Be an instrument for change

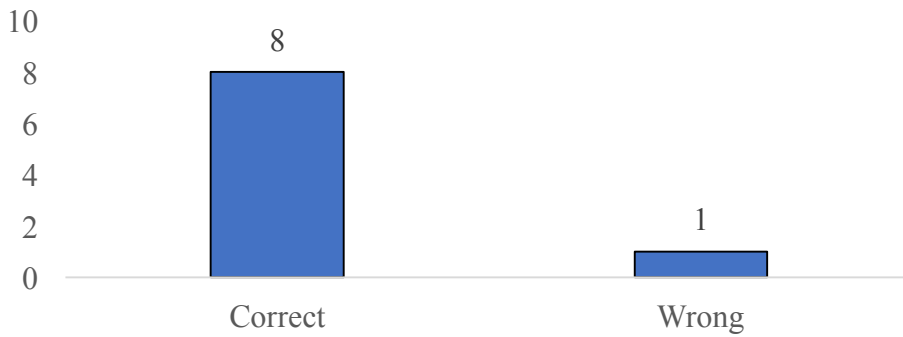
Figure 143. Kodiak - B - Results of Question 8



9. Name the three branches of our government (1/3 point each Max 1 point)

Legislative (Congress), Executive (President), Judicial (Supreme Court)

Figure 144. Kodiak - B - Results of Question 9



10. What type of government do we have in the United States ? (1 point)

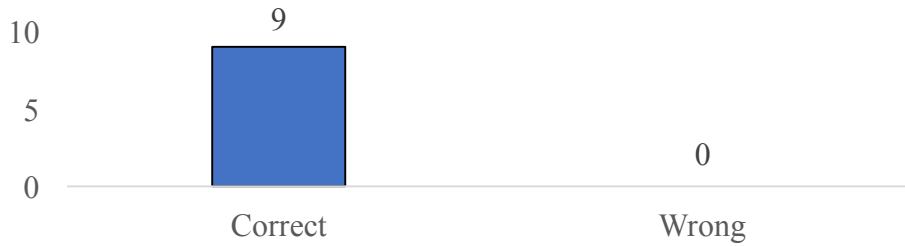
Representative Democracy, or Republic, or Democracy.

Figure 145. Kodiak - B - Results of Question 10



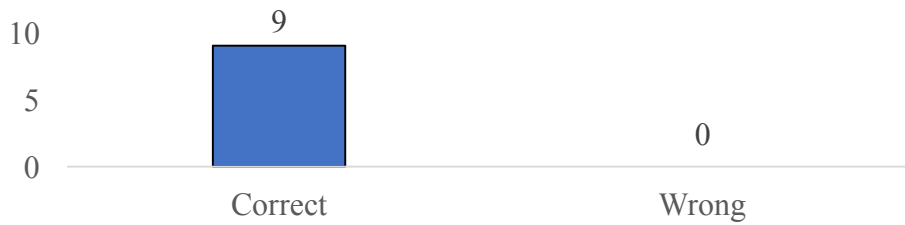
11. What is the name for the first 10 amendments to the Constitution? (1 point) Bill of Rights

Figure 146. Kodiak - B - Results of Question 11



12. C The checks and balances of our Constitution does which of the following? (1 point)
A. Ensures that all the government bills are paid. B. Makes sure that our government is fair to all citizens. C. Makes sure that none of the three branches of government becomes too powerful.

Figure 147. Kodiak - B - Results of Question 12



13. The opening paragraph of the Constitution is called? **Preamble.**

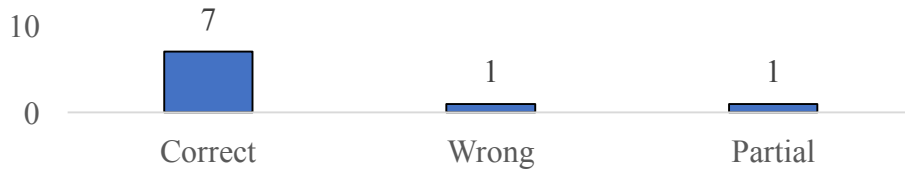
It states six reasons for creating this document. Name 2. (1 point each Max 3 points)

With flexibility, they can say the original words of the Preamble which is: “We the people of the United States, in order to form a more perfect Union, establish Justice, insure domestic Tranquility, provide for the common defense, promote the general Welfare and secure the Blessings of Liberty to ourselves and our Posterity, do ordain and establish the Constitution for the United States of America.”

Or they can use the description found in the MB p. 15:

- Strengthen the country by unifying the states,
- Enact and apply laws that treat all citizens reasonably, fair, and impartially,
- Maintain order to ensure peace on home soil,
- Make sure that the country is prepared to defend itself from its enemies,
- Provide services and make efforts to improve the quality of life for all citizens,
- Preserve and protect the rights and liberties of Americans, and to pass those freedoms on to future generations.

Figure 148. Kodiak - B - Results of Question 13



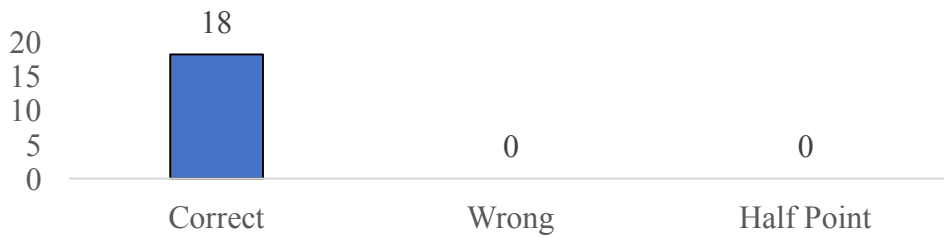
14. Demonstrate the correct way of folding the U.S. flag to the Leader. (1 point each Max 3 points)



Reddog – Scout Handbook Question Analysis

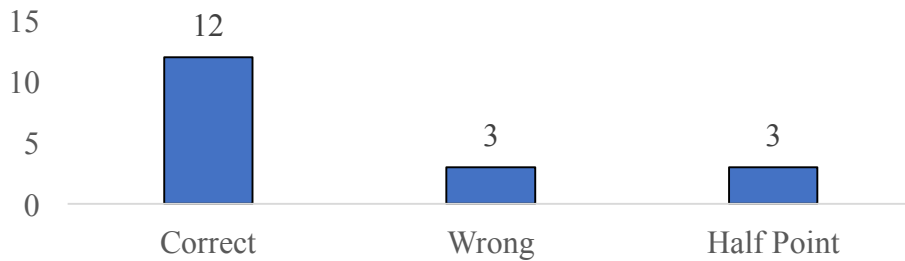
1. Recite the Scout law to the Leader: **A Scout is trustworthy, loyal, helpful, friendly, courteous, kind, obedient, cheerful, thrifty, brave, clean and reverent.** (1 point)

Figure 149. Reddog - Results of Question 1



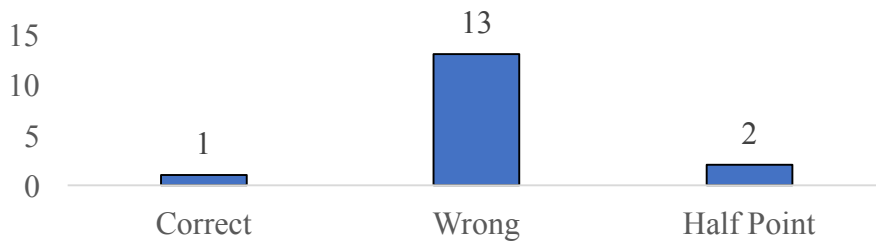
2. What does EDGE stand for? (1 point)
 - a. **Explain how it is done**
 - b. **Demonstrate the steps**
 - c. **Guide learners as they practice**
 - d. **Enable them to succeed on their own**

Figure 150. Reddog - Results of Question 2



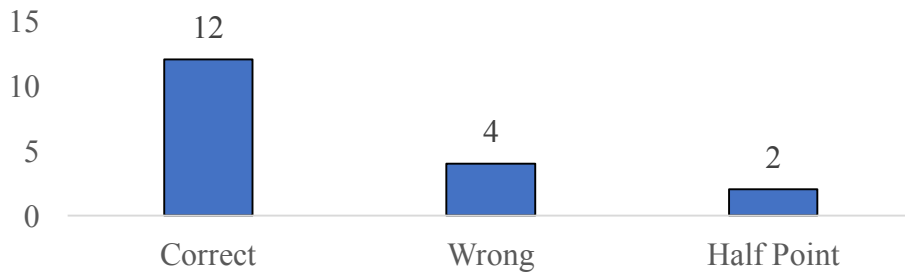
3. Name the Three R's of personal protection. (1 point)
- a. **Recognize**
 - b. **Respond**
 - c. **Report**

Figure 151. Reddog - Results of Question 3



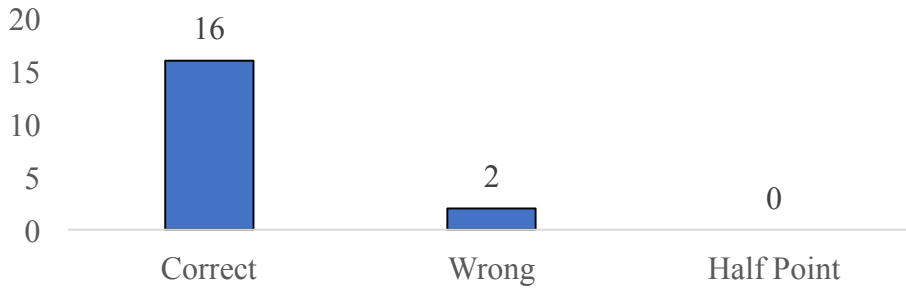
4. Who was the founder of the world-wide Scouting movement? (1 point) **Lord Robert Baden-Powell or just Baden-Powell**

Figure 152. Reddog - Results of Question 4



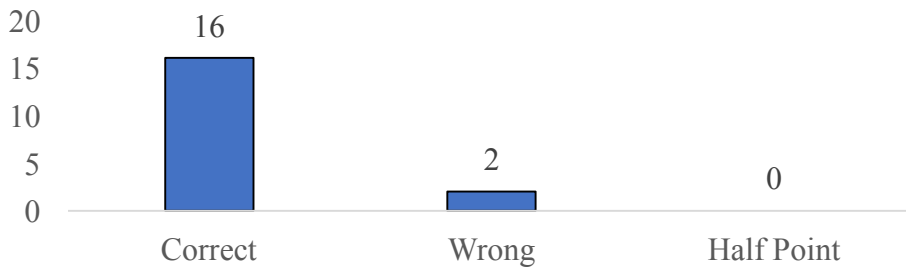
5. What is the Scout motto? (1 point) **Be Prepared**

Figure 153. Reddog - Results of Question 5



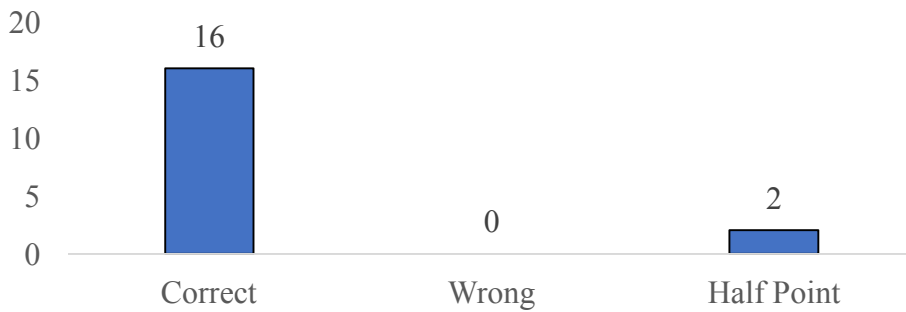
6. What is the Scout Slogan? (1 point) **Do a Good Turn Daily**

Figure 154. Reddog - Results of Question 6



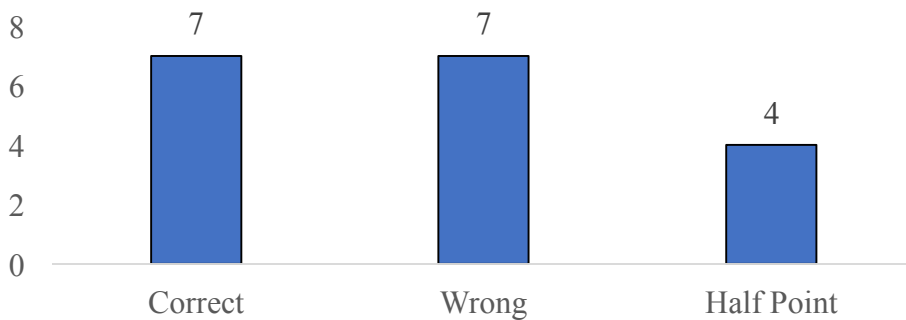
7. Which hand do you use to shake hands? (1 point)
- a. With someone in Scouting: **Left Hand**
 - b. With someone outside of Scouting: **Right Hand**

Figure 155. Reddog - Results of Question 7



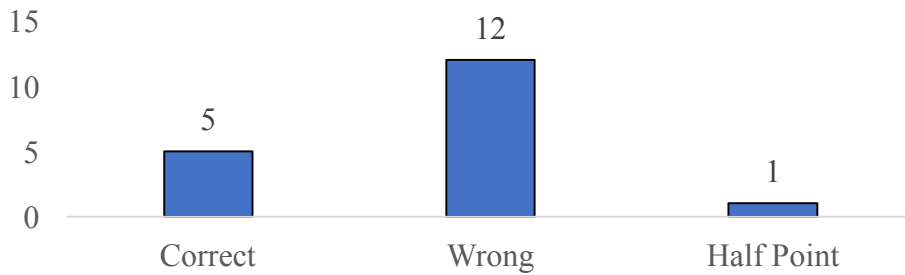
8. What does the eagle with a shield on the First Class Scout badge represent? (1 point) **It is an emblem of the USA and represents freedom and a Scout's readiness to defend that freedom.**

Figure 156. Reddog - Results of Question 8



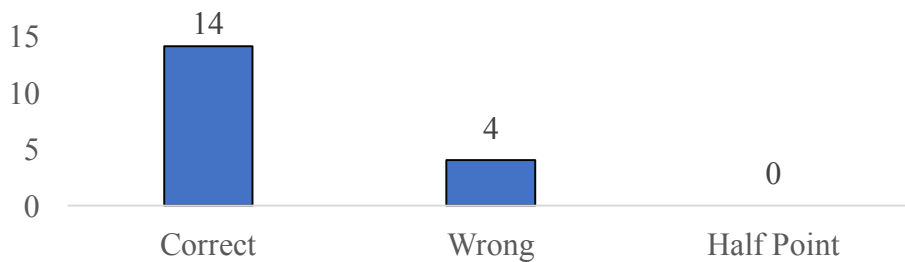
9. What do the two stars on the First Class Scout badge stand for? (1 point)
- a. **Truth**
 - b. **Knowledge**

Figure 157. Reddog - Results of Question 9



10. What does the knot below the scroll on the First Class Scout badge remind a Scout to do? (1 point) Do a **Good Turn Daily**

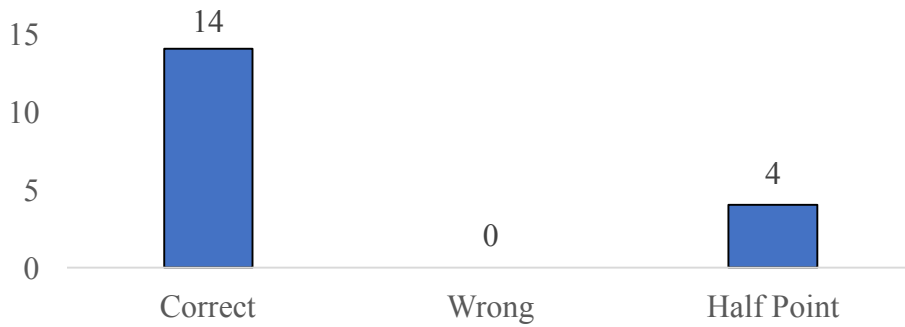
Figure 158. Reddog - Results of Question 10



11. Pick at least four (4) of the following components that are part of the Official BSA Field Uniform? (1 point)

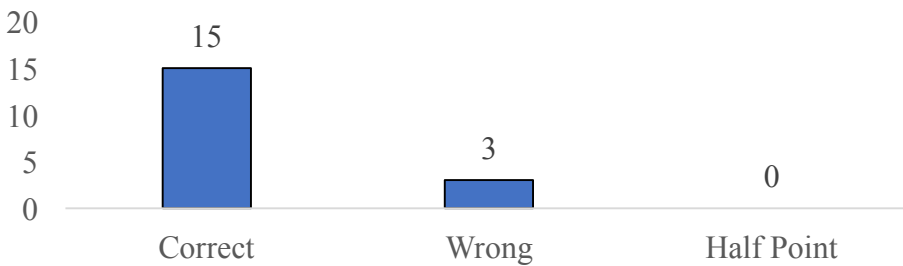
- a. Scout shirt
- b. Scout Hat or Cap
- c. Scout T-Shirt with troop logo
- d. Scout pants/shorts
- e. Scout Neckerchief
- f. Scout Sash
- g. Scout socks
- h. Scout belt

Figure 159. Reddog - Results of Question 11



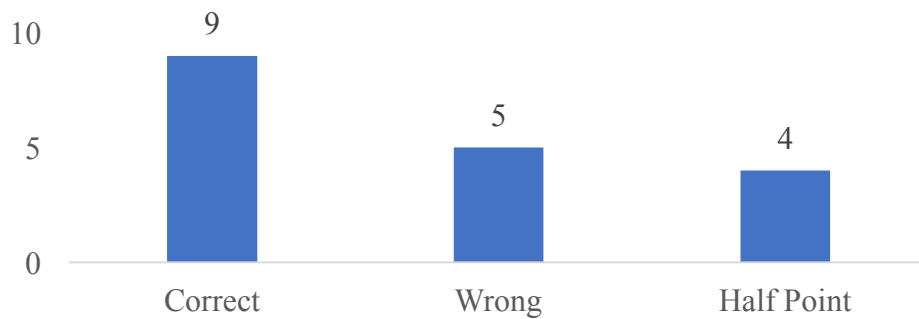
12. Where would you wear the Klondike Derby patch on your uniform? (1 point) **Right Pocket**

Figure 160. Reddog - Results of Question 12



13. Name at least three (3) youth members that make up a patrol leaders' council? (1 point)
- a. SPL
 - b. ASPL
 - c. Troop Guide
 - d. Patrol Leaders

Figure 161. Reddog - Results of Question 13



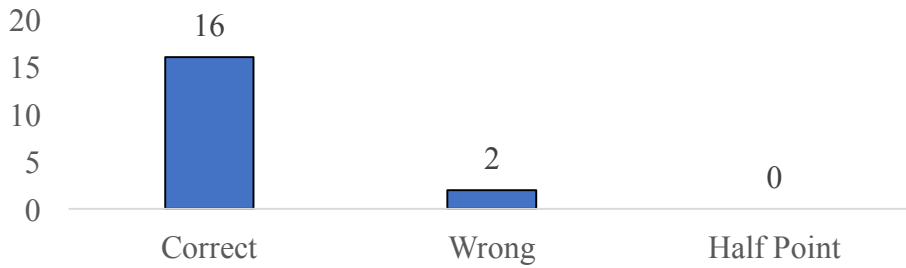
14. What is the difference between long-term goals and short-term goals? (1 point) **Short-term goals are those that can be reached quickly. Long-term goals may require weeks, months or even years to reach.**

Figure 162. Reddog - Results of Question 14



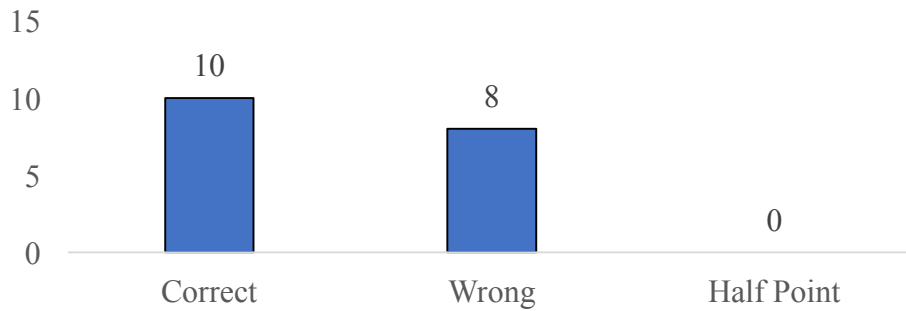
15. Which statement is best that describes a servant leader? (1 point)
- a. He tells people what to do and knows how to do everything
 - b. **He gives other people credit for the group's success instead of hogging the spotlight**

Figure 163. Reddog - Results of Question 15



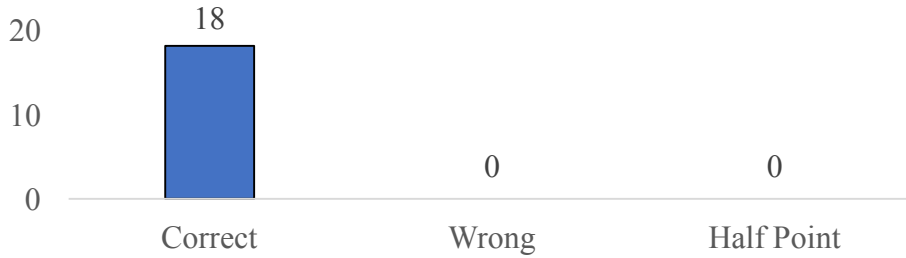
16. Which sleeve is the leadership badge worn on? (1 point) **Left Sleeve**

Figure 164. Reddog - Results of Question 16



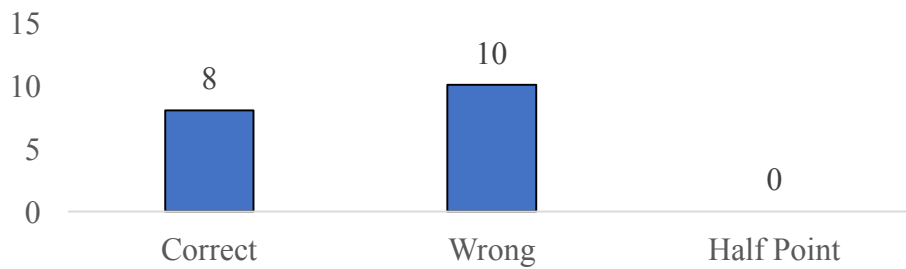
17. **True** or False: The Patrol Method involves placing Scouts in small groups. Each patrol member shares responsibility for the patrol's success.

Figure 165. Reddog - Results of Question 17



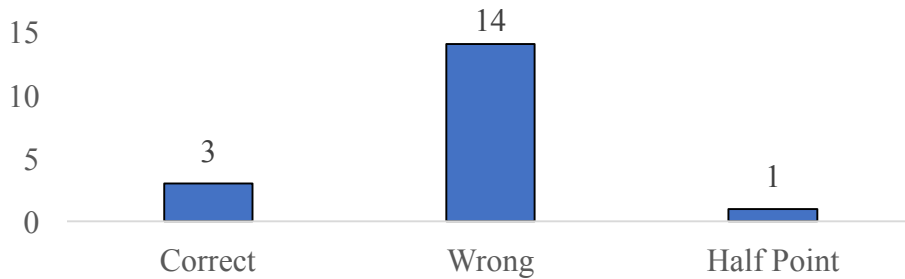
18. What is the minimum number of merit badges needed for Eagle? (1 point) **21**

Figure 166. Reddog - Results of Question 18



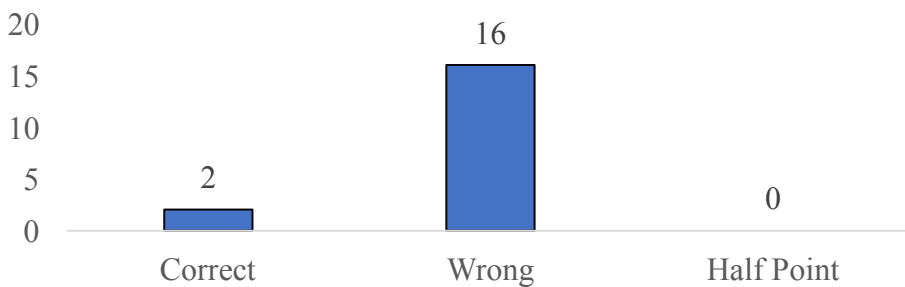
19. How many “Eagle Required” (otherwise known as “Silver border”) merit badges must you have to achieve your Eagle? (1 point) 12

Figure 167. Reddog - Results of Question 19



20. True or **False**. Merit badge requirements may be adapted if the person can't physically perform them. (1 point) **You must complete the requirements EXACTLY as written; if a requirement says to demonstrate a skill, for example, you can't just discuss or describe it. Scouts with disabilities may apply to the council to have alternative merit badges qualify as Silver Borders for Eagle, but they must present the same challenge and learning level as those they replace.**

Figure 168. Reddog - Results of Question 20

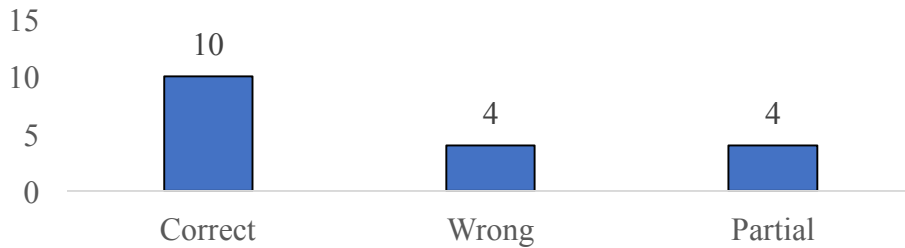


Shagelux – Map Question Analysis

Must use the new USGS TOPO SHADY VALLEY, TN VA 2003 edition

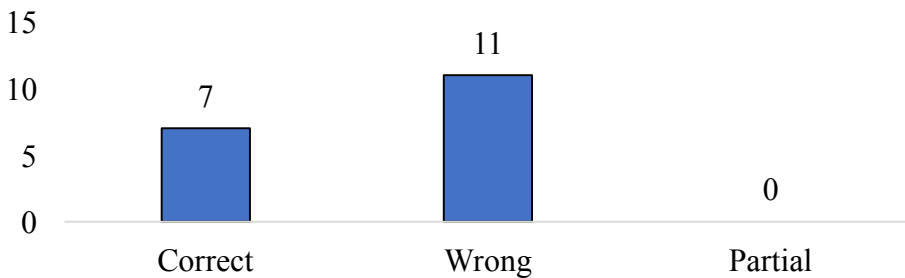
1. Following the Appalachian Trail, what is the distance from Locust Knob (Black dot) to Locust Pole Knob (Black dot)? _____ (Max 3 points)

Figure 169. Shagelux - Results of Question 1



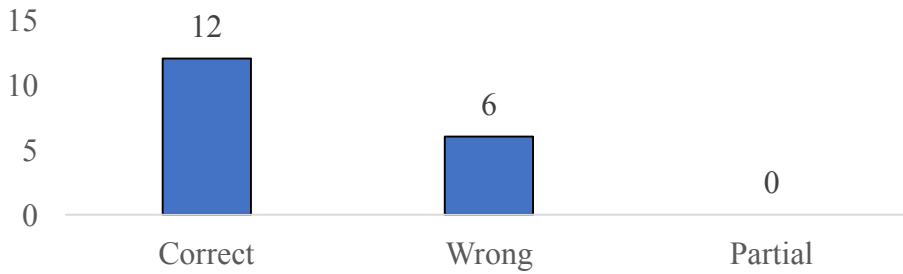
2. How long would it take you to continue your hike from Locust Pole Knob to the shelter at McQueen Gap (2.5 miles) if you are traveling at 1.5 miles/hour? (3 points)

Figure 170. Shagelux - Results of Question 2



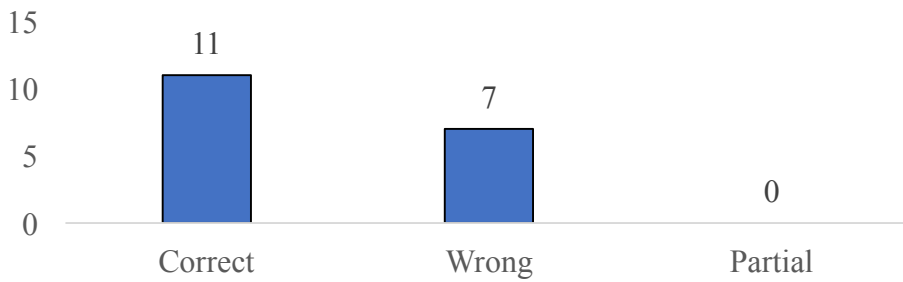
3. What is the declination as indicated on map? (1 point)

Figure 171. Shagelux - Results of Question 3



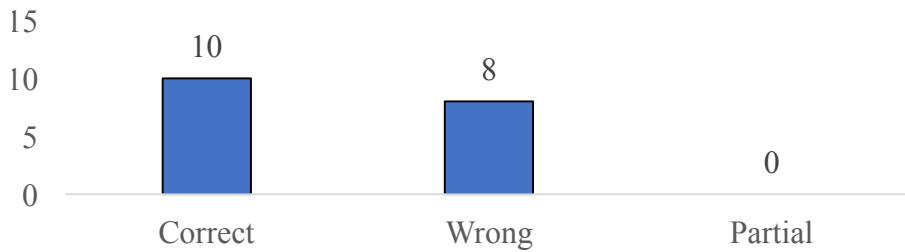
4. What is the elevation of South Holston Lake? (1 point)

Figure 172. Shagelux - Results of Question 4



5. A map that looks like it is a picture taken from an airplane or satellite is what kind of map?
(1 point)

Figure 173. Shagelux - Results of Question 5



6. On the Map point out the location of three shelters on the Appalachian Trail to the leader.
(Have the leader point to the start of the Appalachian Trail)

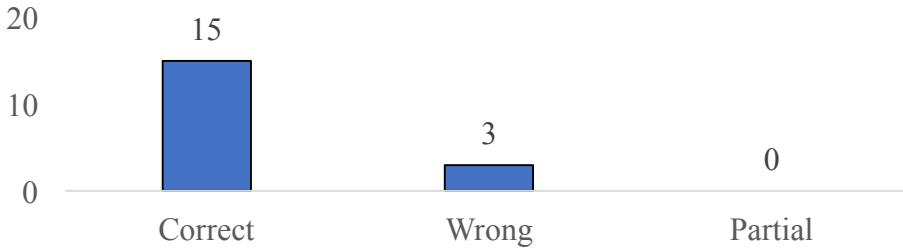
Did you find them: Yes No (1 point)

Figure 174. Shagelux - Results of Question 6



7. What is this on the Map at the **RED** Arrow? (1 point)

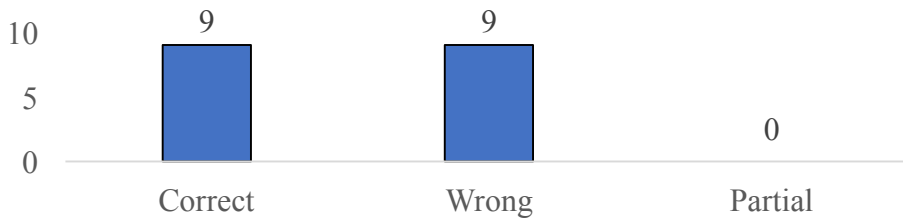
Figure 175. Shagelux - Results of Question 7



8. What are contour intervals? (1 point)

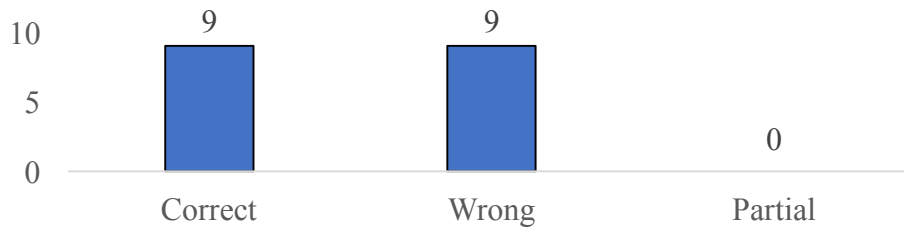
Point them out on this map to the leader. Did you find them? Yes No (1 point)

Figure 176. Shagelux - Results of Question 8



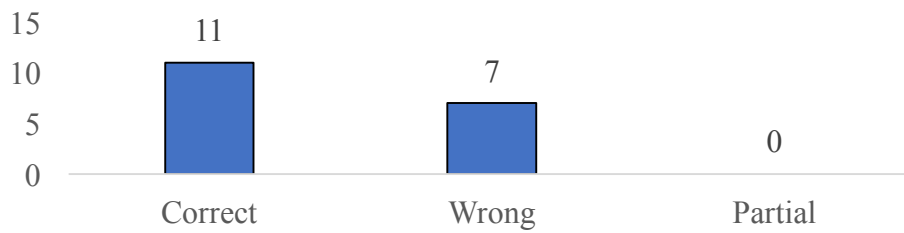
9. What is the distance between two contour lines on this map? (1 point)

Figure 177. Shagelux - Results of Question 9



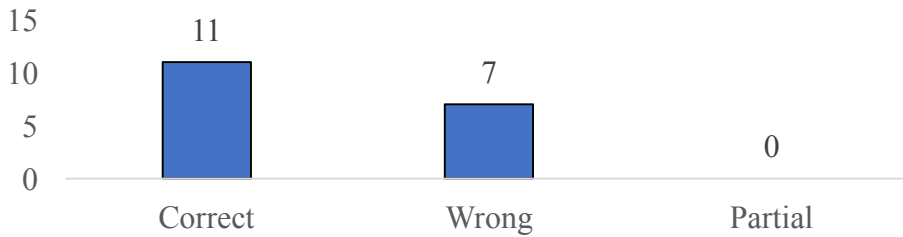
10. Index lines are also contour lines? Yes No (1 point)

Figure 178. Shagelux - Results of Question 10



11. What is special about an index line? (1 point)

Figure 179. Shagelux - Results of Question 11



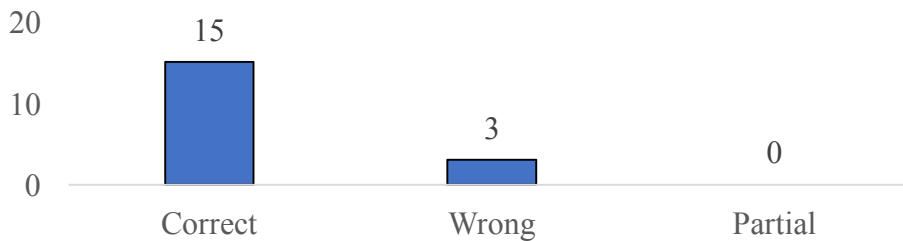
12. What is the difference between the elevation of Delaney Mountain and McQueen Gap?
(1 point) _____

Find the correct elevation for each point:

a. What is Delaney Mountain elevation: _____

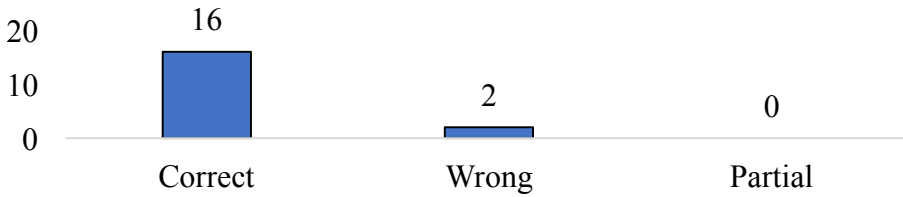
b. What is McQueen Gap elevation: _____

Figure 180. Shagelux - Results of Question 12



13. When was this map last updated? (1 point)

Figure 181. Shagelux - Results of Question 13



14. Why is it important to have the latest update of a map? (1 point)

Figure 182. Shagelux - Results of Question 14



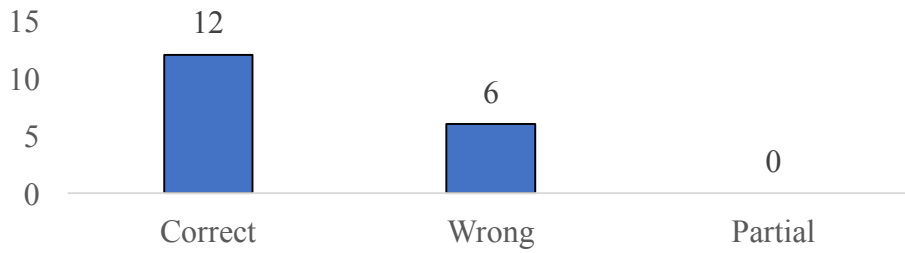
15. What is the scale of this map? (1 point)

Figure 183. Shagelux - Results of Question 15



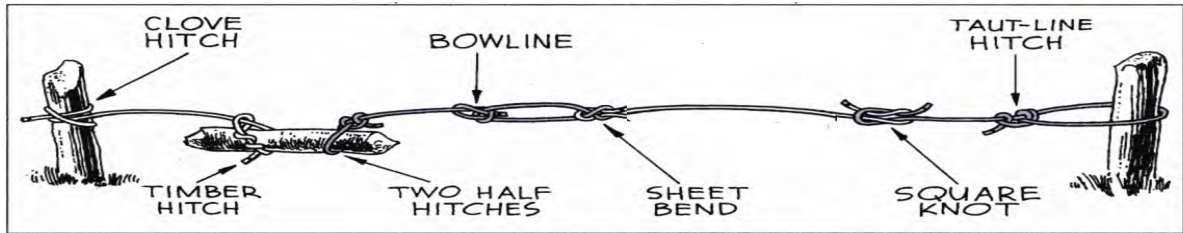
16. Which map would give more detail: A map with the scale of 1:40000 or a map with the scale of 1:64000? _____ (1 point)

Figure 184. Shagelux - Results of Question 16



Yakataga – Knot & Lashing Skill Analysis

Welcome to our fair city. Yakataga mayor “YAK” welcomes you. The Mayor wants your Patrol to demonstrate to him Ten (10) basic Boy Scout Knots. The first seven (7) will be tied in the sequence and manner shown in the drawing below. Scouts selected by the Mayor will tie the last three (3) knots.



Today you will be asked to show your knot tying and lashing skills. You will need a rope for each patrol member to test your Basic knots. You will also be asked to either perform a challenge or be asked questions to complete the challenge.

Knots

Clove Hitch

Figure 185. Yakataga - Results for Clove Hitch



Timber Hitch

Figure 186. Yakataga - Results for Timber Hitch



Two Half Hitches

Figure 187. Yakataga - Results for Half Hitches



Bowline

Figure 188. Yakataga - Results for Bowline



Sheet Bend

Figure 189. Yakataga - Results for Sheet Bend



Square Knot

Figure 190. Yakataga - Results for Square Knot



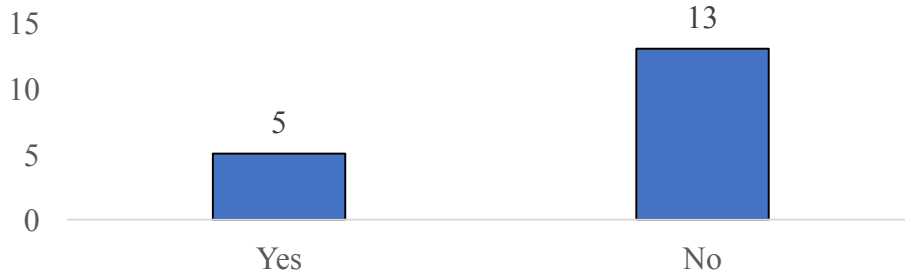
Taut Line Hitch

Figure 191. Yakataga - Results for Line Hitch



Whipping

Figure 192. Yakataga - Results for Whipping



Coiling a Rope or Cord

Figure 193. Yakataga - Results for Coiling a Rope or Cord



Neck Tie

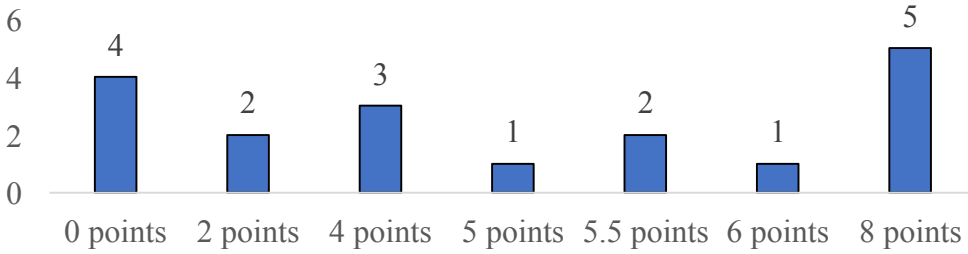
Figure 194. Yakataga - Results for Neck Tie



Complete challenge with proper knots(10 points)

Lashings(8 points)

Figure 195. Yakataga - Results for Lashings



Scout Spirit(1 point)

Figure 196. Yakataga - Results for Scout Spirit



Patrol Participation (1 point)

Figure 197. Yakataga - Results for Patrol Participation



Total _____ (20 points)

APPENDIX D

VANCE KONDIKE DERBY SUPPORTING DOCUMENTS

Vance Klondike Derby Map



Klondike Derby Sledge Questionnaire

Junior Patrol (Majority of members First Class and under) Number of members in patrol

Senior Patrol (Majority of members Any mixture of Scouts) Number of members in uniform

Flag New this year

The flag has been used before. Describe the changes made for this year below.

What is the theme of your flag? What materials were used (emphasis on natural materials) and what scout skills were used?

Sledge New this year.

The sledge has been used before. Describe the changes made for this year below.

What is the theme of your sledge? What materials were used (emphasis on natural materials) and what scout skills were used?

Vance Klondike Patrol Orders

Your patrol **must** obey **all** traffic **and** pedestrian laws! Mayors **and** Klondike kops will deduct points if you are seen violating traffic laws! **Look at your map, Your first stop is:** _____

You **must** proceed to each station in turn. Do not skip **any** stations except station 10, Ulcer Gulch. **Wherever** you are at 11:30, go to Ulcer Gulch for your lunch. **All** stations will close from 11:30 to 1:00 for lunch.

Show these orders to the mayor at each station. The mayor will sign them and write in your score in ink. When you finish, take this sheet to headquarters and turn it in to receive your final score.

1. Fort Selkirk.....Mayor _____ Points _____ (Max 20)
2. Fairbanks..... Mayor _____ Points _____ (Max 20)
3. ATTU..... Mayor _____ Points _____ (Max 20)
4. Shageluk..... Mayor _____ Points _____ (Max 20)
5. Yakataga..... Mayor _____ Points _____ (Max 20)
6. Bearpaw..... Mayor _____ Points _____ (Max 20)
7. Skagway..... Mayor _____ Points _____ (Max 20)
8. Kodiak..... Mayor _____ Points _____ (Max 20)
9. Reddog..... Mayor _____ Points _____ (Max 20)
10. Ulcer Gulch..... Mayor _____ Points _____ (Max 20)

All Bonus Points below are ONLY recorded at Headquarters

Bonus Points:

- Sledge Passes Inspection----- Points _____ (Max 5)
- Patrol Flag Displayed----- Points _____ (Max 5)
- At least ½ of your Patrol in Uniform----- Points _____ (Max 5)
- In Town Safety Quiz----- Points _____ (Max 5)

Max 220 points: Total: _____

At 4:00 PM Return to Headquarters!

Cell phones may not be used to answer questions. No help may be given by ANY adult or leader and you CAN NOT use any documentation, including the Boy Scout Handbook

Ulcer Gulch Handout

Ulcer Gulch Patrol _____ Troop _____

Fire method

Friction ____ (15 pts)

Flint/Steel or Solar ____ (10 pts)

Hot Spark ____ (5 pts)

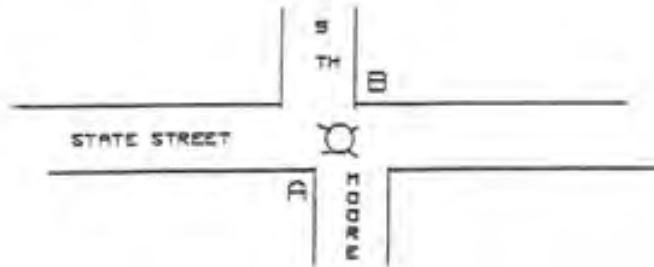
Meal is Hot: Yes ____ No ____ Points ____ (5 pts)

Total Points: _____ (20 pts max)

You may not ask or accept assistance/advice from ANY adult or any youth that is not a member of your Patrol!

In-Town Safety Quiz

- 1. During Klondike Derby, Patrols must obey pedestrian laws. True___ False___
- 2. Even though there is a time limit, it is never safe to run on the sidewalk or street. True___ False___
- 3. Not every corner will have a traffic light. So, you must absolutely look both ways before you cross the road. True___ False___
- 4. If there's no traffic, it's ok to cross directly from Point A to Point B below: True___ False___



- 5. Since you are pulling a sledge, you have the right-of-way over other people on the sidewalk. True___ False___
- 6. Cars always yield to pedestrians. True___ False___
- 7. It is best not to take up more than half of the sidewalk as you travel from station to station. True___ False___
- 8. A Scout is courteous. Be polite and greet non-scouters, and remember to thank others for their assistance or help. True___ False___
- 9. It is OK for a patrol to drop out of the competition without notifying headquarters. True___ False___
- 10. Show that you have parked your sledge correctly at the starting lineup. True___ False___

½ Point each Max 5 points: Total: _____

Master Score Sheet for Station Mayors

Patrol		Troop	Score	Patrol		Troop	Score
1				21			
2				22			
3				23			
4				24			
5				25			
6				26			
7				27			
8				28			
9				29			
10				30			
11				31			
12				32			
13				33			
14				34			
15				35			
16				36			
17				37			
18				38			
19				39			
20				40			

Cell phone of Headquarters: _____ Return back to Headquarters at 4 PM.

Vance Klondike Derby Sledge / Flag Judging sheet

1 point per question under each column (Max 5 points each column)

Unit: **Patrol:** _____

	Sledge	Flag	Comments	
1. Theme - Klondike Derby				_____
2. Theme - Unit/Patrol Identification				_____
3. Design - Utility				_____
4. Design - Bonus features, innovation				_____
5. Scout Built (Renovation, New)				_____
6. Scout Skills (Lashings, etc.)				_____
7. Natural Materials (Wood vs. Plastic, etc.)				_____
Total:				

Unit: **Patrol:** _____

	Sledge	Flag	Comments	
1. Theme - Klondike Derby				_____
2. Theme - Unit/Patrol Identification				_____
3. Design - Utility				_____
4. Design - Bonus features, innovation				_____
5. Scout Built (Renovation, New)				_____
6. Scout Skills (Lashings, etc.)				_____
7. Natural Materials (Wood vs. Plastic, etc.)				_____
Total:				

Unit: **Patrol:** _____

	Sledge	Flag	Comments	
1. Theme - Klondike Derby				_____
2. Theme - Unit/Patrol Identification				_____
3. Design - Utility				_____
4. Design - Bonus features, innovation				_____
5. Scout Built (Renovation, New)				_____
6. Scout Skills (Lashings, etc.)				_____
7. Natural Materials (Wood vs. Plastic, etc.)				_____
Total:				

Unit: **Patrol:** _____

	Sledge	Flag	Comments	
1. Theme - Klondike Derby				_____
2. Theme - Unit/Patrol Identification				_____
3. Design - Utility				_____
4. Design - Bonus features, innovation				_____
5. Scout Built (Renovation, New)				_____
6. Scout Skills (Lashings, etc.)				_____
7. Natural Materials (Wood vs. Plastic, etc.)				_____
Total:				

Leader Survey for 2017 Overmountain Vance Klondike Derby

Leader Survey for 2017 Overmountain Vance Klondike Derby



1. Overall, how satisfied or dissatisfied are you with the Derby?

- Very satisfied
- Somewhat satisfied
- Neither satisfied nor dissatisfied
- Somewhat dissatisfied
- Very dissatisfied

2. Where you able to attend any of the stations?

- Yes
- No

3. Mark all the stations you attended

- | | |
|---|---|
| <input type="radio"/> Fort Selkirk - Compass | <input type="radio"/> Bearpaw - Nature |
| <input type="radio"/> Fairbanks - Weather and Astronomy | <input type="radio"/> Skagway - Advance First Aid |
| <input type="radio"/> ATTU - Ax and Knife | <input type="radio"/> Kodiak - Citizenship |
| <input type="radio"/> Shageluk - Map | <input type="radio"/> Reddog - Scout Handbook |
| <input type="radio"/> Yakataga - Knot and Lashing | <input type="radio"/> Ulcer Gulch - Lunch and Fire Building |

4. Please describe your impressions of the stations you visited. Positive and negative feedback are welcomed.

This is a two-sided survey please fill out both sides and turn back in tonight.

]

5. Do you have any recommendations for how the Klondike Derby might be improved? Please be specific.

6. Will your Troop take part in the Derby next year?

- Yes
- No

If not why? _____

7. Would you be willing to help staff a station next year? If yes, please contact one the the District Committee leaders.

- Yes
- No

8. If you would like someone to contact you to talk more about the Klondike Derby, please leave your contact information below.

Name and Troop number: _____

Email: _____

Phone Number: _____

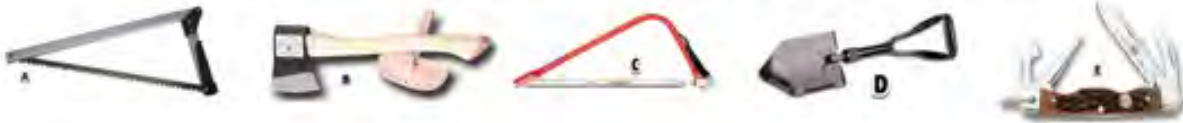
Thank you very much for taking the time to complete this survey.
Your feedback is valued and very much appreciated!

APPENDIX E
VANCE KLONDIKE DERBY STATIONS

ATTU – Ax & Knife

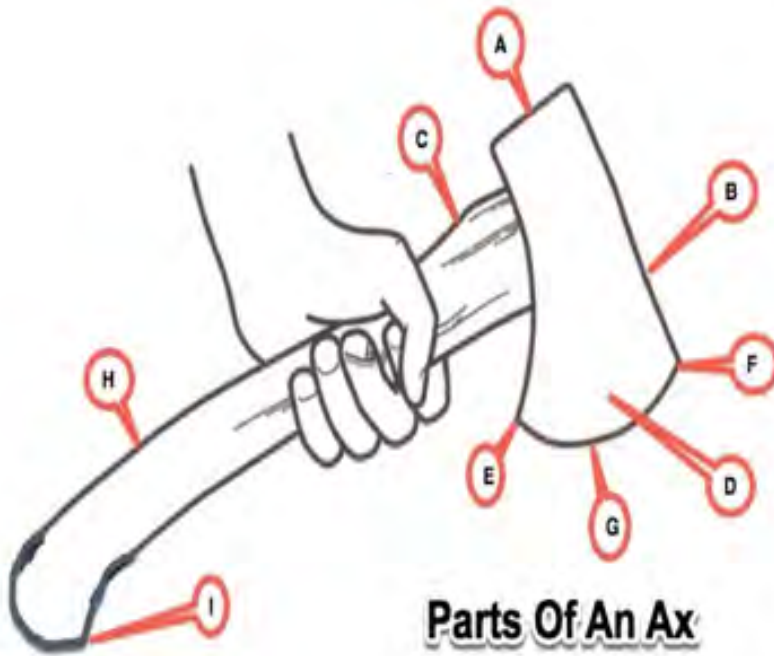
Welcome! The People of Attu accustomed to their Whale-Bone Knives are curious about your Scout Knife, Hand Ax, Bow Saw and Camp Spade. Because these are dangerous if not handled properly the Mayor is calling on your Patrol to instruct the people. To make certain you are prepared to do this you must take this test.

1. Match the pictures with the correct Names: (2 points or 1 point for at least 3 correct)



___ Pocket Knife ___ Bow Saw ___ Camp Spade ___ Folding Saw ___ Hand Ax

2. Name Parts of Hand Ax: (3 points or 1 point for at least 5 correct)



Parts Of An Ax

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____
- I. _____

Turn Paper Over For More Questions

3. Describe the "Contact Method" for splitting small pieces of Wood? (2 points)

4. Define what is "Bucking"? (2 points)

5. Describe how to make a "Fuzz Stick" and what is it used for? (2 points)

6. Name Three (3) rules for knife safety? (2 points)

7. Demonstrate the correct way to pass the Hand Ax? (2 points)

8. A _____ is used to sharpen a Pocket Knife and a _____ is used to sharpen an Ax (2 points)

9. For sanitation and safety, a knife should be kept _____ and _____ (1 point)

10. What should you do with a bow saw when it is not in use? (2 points)

Bearpaw – Nature Test A

Common Plants (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Common Trees (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Common Vertebrates (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Common Birds (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Bearpaw – Nature Test B

Common Plants (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Common Trees (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Common Vertebrates (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Common Birds (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Bearpaw – Nature Test C

Common Plants (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Common Trees (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Common Vertebrates (1 point each Max 5 points) Enter Correct Name on your answer sheet:



Common Birds (1 point each Max 5 points) Enter Correct Name on your answer sheet:



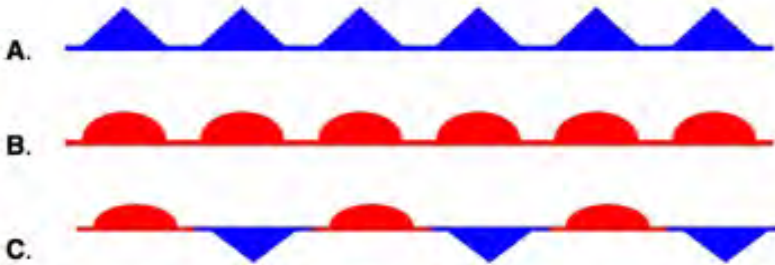
Fairbanks – Weather and Astronomy Test A

Weather and Astronomy Test A

1. ____ Generally, when the atmospheric pressure is low what happens to the wind? **A.** It is pushed away. **B.** It is warm. **C.** It is pulled in. **D.** It is very cold.
2. ____ Isobars indicate what? **A.** Types of Clouds, **B.** Types of Tornadoes, **C.** Types of Hurricanes, **D.** Types of Fronts.

Match the illustration with the type of front.

3. ____ Stationary front
4. ____ Warm front
5. ____ Cold front



6. ____ Cirrus cloud looks like? **A.** Heap Clouds, **B.** Layer Clouds, **C.** Streak Clouds, **D.** Contrail Clouds
7. ____ Stratus cloud looks like? **A.** Heap Clouds, **B.** Layer Clouds, **C.** Streak Clouds, **D.** Contrail Clouds
8. If clouds develop into dark cumulonimbus thunderheads what should scouts do when you are not in the backcountry?

9. If scouts, see cirrus clouds not attached to one another what does that indicate?

10. About six or seven miles up the atmosphere carries what type of charge? (Circle one)
Negative Positive

Turn Paper Over For More Questions

11. Give an example of an old saying that might indicate stormy weather.

12. What type of weather might a scout be concerned about if he sees very dark clouds with a greenish tint, heavy rain, hail and a roaring sound? _____

13. What is the name given to grouped stars together in the sky? _____

14. What is the name of a map that shows the heavens? _____ Will these maps be the same for all locations on the earth? (Circle one) Yes No

15. Another name for the constellation Orion is _____

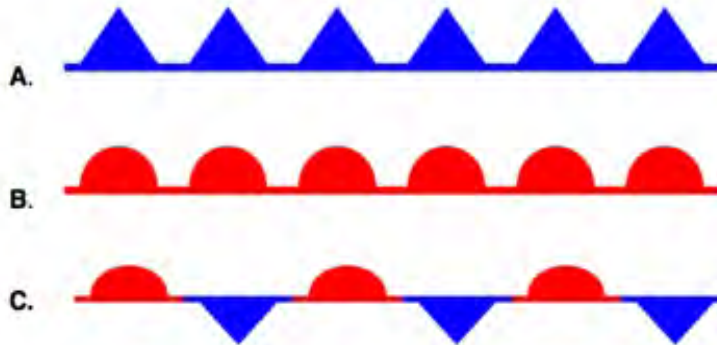
Fairbanks – Weather and Astronomy Test B

Weather and Astronomy Test B

1. ____ When a region experiences high atmospheric pressure it usually indicates **A.** Rainy weather, **B.** Windy weather, **C.** Stable weather, **D.** Unstable weather
2. ____ What are the lines on a weather map called? **A.** Isobars, **B.** Weather bars, **C.** Current bars, **D.** Cumulus bars.

Match the illustration with the type of front.

3. ____ Warm front
4. ____ Cold front
5. ____ Stationary front



6. ____ Stratus cloud looks like? **A.** Heap Clouds, **B.** Layer Clouds, **C.** Streak Clouds, **D.** Contrail Clouds
7. ____ Cirrus cloud looks like? **A.** Heap Clouds, **B.** Layer Clouds, **C.** Streak Clouds, **D.** Contrail Clouds
8. If scouts, see cirrus clouds not attached to one another what does that indicate?

9. If clouds develop into dark cumulonimbus thunderheads what should scouts do when you are not in the backcountry?

10. The basic electrical charge of the Earth's surface is (Circle one) Negative Positive

Turn Paper Over For More Questions

I

11. Give an example of an old saying that might indicate stormy weather.

12. What type of weather might result from deep low-pressure area over warm ocean water with winds that can be well over 100 miles per hour? _____

13. What is the name given to grouped stars together in the sky? _____

14. What is the name of a map that shows the heavens? _____

15. Another name for the constellation Orion is _____

Fort Selkirk – Compass Course Test A

1. Let's say that you want to travel west, which is 270 degrees. Here are the steps in which you must fill in the blanks to complete the task. (1 point per question – Max 3 points)
 - a. Rotate the compass housing until W or 270 lines up with what? _____
 - b. Hold the compass flat in front of your stomach and turn your body until the north end of the magnetic needle lines up with the north end of what? _____
 - c. What compass marking would you use to determine which way you should go?

2. Where does the needle on the compass actually point to? (2 points)

3. Most GPS receivers can accept data in either or both of two formats. (Max 2 points) They are:

4. What three units are used to describe a coordinate? (Max 3 points) They are:

Compass Course

Test A (Max 10 points)

Start at Point # 4

Go 81 degrees for 73 feet

Then 312 degrees for 100 feet

Then 168 degrees for 80 feet

Record the marker closest to and in your line of travel.

Correct Answer is _____

Fort Selkirk – Compass Course Test B

1. Let's say that you want to travel west, which is 270 degrees. Here are the steps in which you must fill in the blanks to complete the task. (1 point per question – Max 3 points)
 - a. Rotate the compass housing until W or 270 lines up with what? _____
 - b. Hold the compass flat in front of your stomach and turn your body until the north end of the magnetic needle lines up with the north end of what? _____
 - c. What compass marking would you use to determine which way you should go?

2. Where does the needle on the compass actually point to? (2 points)

3. Most GPS receivers can accept data in either or both of two formats (Max 2 points) They are:

4. What three units are used to describe a coordinate? (Max 3 points) They are:

5. Compass Course

Test B (Max 10 points)

Start at Point # 8

Go 45 degrees for 76 feet

Then 266 degrees for 78 feet

Then 129 degrees for 76 feet

Record the marker closest to and in your line of travel.

Correct Answer is _____

Fort Selkirk – Compass Course Test C

1. Let's say that you want to travel west, which is 270 degrees. Here are the steps in which you must fill in the blanks to complete the task. (1 point per question – Max 3 points)

a. Rotate the compass housing until W or 270 lines up with what? _____

b. Hold the compass flat in front of your stomach and turn your body until the north end of the magnetic needle lines up with the north end of what? _____

c. What compass marking would you use to determine which way you should go?

2. Where does the needle on the compass actually point to? (2 points)

3. Most GPS receivers can accept data in either or both of two formats. (Max 2 points) They are:

4. What three units are used to describe a coordinate? (Max 3 points) They are:

Compass Course

Test C (Max 10 points)

Start at Point # 17

Go 347 degrees for 80 feet

Then 166 degrees for 75 feet

Then 265 degrees for 60 feet

Record the marker closest to and in your line of travel.

Correct Answer is _____

Fort Selkirk – Compass Course Test D

1. Let's say that you want to travel west, which is 270 degrees. Here are the steps in which you must fill in the blanks to complete the task. (1 point per question – Max 3 points)
 - a. Rotate the compass housing until W or 270 lines up with what? _____
 - b. Hold the compass flat in front of your stomach and turn your body until the north end of the magnetic needle lines up with the north end of what? _____
 - c. What compass marking would you use to determine which way you should go?

2. Where does the needle on the compass actually point to? (2 points)

3. Most GPS receivers can accept data in either or both of two formats. (Max 2 points) They are:

4. What three units are used to describe a coordinate? (Max 3 points) They are:

Compass Course

Test D (Max 10 points)

Start at Point # 3

Go 57 degrees for 70 feet

Then 301 degrees for 62 feet

Then 145 degrees for 86 feet

Record the marker closest to and in your line of travel.

Correct Answer is _____

Fort Selkirk – Compass Course Test E

1. Let's say that you want to travel west, which is 270 degrees. Here are the steps in which you must fill in the blanks to complete the task. (1 point per question – Max 3 points)
 - a. Rotate the compass housing until W or 270 lines up with what? _____
 - b. Hold the compass flat in front of your stomach and turn your body until the north end of the magnetic needle lines up with the north end of what? _____
 - c. What compass marking would you use to determine which way you should go?

2. Where does the needle on the compass actually point to? (2 points)

3. Most GPS receivers can accept data in either or both of two formats. (Max 2 points) They are:

4. What three units are used to describe a coordinate? (Max 3 points) They are:

Compass Course

Test E (Max 10 points)

Start at Point # 18

Go 285 degrees for 55 feet

Then 51 degrees for 72 feet

Then 212 degrees for 71 feet

Record the marker closest to and in your line of travel.

Correct Answer is _____

Fort Selkirk – Compass Course Test F

1. Let's say that you want to travel west, which is 270 degrees. Here are the steps in which you must fill in the blanks to complete the task. (1 point per question – Max 3 points)
 - a. Rotate the compass housing until W or 270 lines up with what? _____
 - b. Hold the compass flat in front of your stomach and turn your body until the north end of the magnetic needle lines up with the north end of what? _____
 - c. What compass marking would you use to determine which way you should go?

2. Where does the needle on the compass actually point to? (2 points)

3. Most GPS receivers can accept data in either or both of two formats. (Max 2 points) They are:

4. What three units are used to describe a coordinate? (Max 3 points) They are:

Compass Course

Test F (Max 10 points)

Start at Point # 19

Go 311 degrees for 92 feet

Then 85 degrees for 53 feet

Then 192 degrees for 66 feet

Record the marker closest to and in your line of travel.

Correct Answer is _____

Kodiak – Citizenship Test A

1. The Second Continental Congress adopted the final version of what document on July 4, 1776?
(1 point)

Match the following definitions with the correct type of government (1 point each Max 3 points)

2. ____ Supreme Power is in the hands of a single individual, who is often backed by the military.

- A. Monarchy
- B. Dictatorship

3. ____ Supreme power is in the hands of the citizens, who elect representatives to make decisions on their behalf.

- C. Oligarchy
- D. Democracy

4. ____ Supreme power is in the hands of a king or queen who inherited the position and reigns for life.

- E. Theocracy
- F. Republic

5. ____ In their first attempt in forming a government, the Founding Fathers wrote what document?
(1 point)

- A. Magna Carta, B. Articles of Confederation, C. Committee of Correspondence, D. Bill of Rights**

6. What is the term that means, "to change" the Constitution? (1 point)

7. As a citizen of the U.S. you have certain rights. Name 4 of these rights.
(1/2 point each Max 2 points)

8. In return for the rights we have as citizens, we have several responsibilities. Name 4 of these.
(1/2 point each Max 2 points)

9. What type of government do we have in the United States? (1 point)

10. Name the three branches of our government. (1/3 point each Max 1 point)

11. What is the name for the first 10 amendments to the Constitution? (1 point)

Turn Paper Over For More Questions

12. ____ The checks and balances of our Constitution does which of the following? (1 point)

A. Ensures that all the government bills are paid. **B.** Makes sure that our government is fair to all citizens. **C.** Makes sure that none of the three branches of government becomes too powerful.

13. The opening paragraph of the Constitution is called the (1 point each Max 3 points)

_____. It states six reasons for creating this document. Name 2.

14. Demonstrate the correct way of folding the U. S. flag to the Leader. (3 points)

Kodiak – Citizenship Test B

1. The Second Continental Congress adopted the final version of what document on July 4, 1776?
(1 point)

Match the following definitions with the correct type of government (1 point each Max 3 points)

- | | |
|---|-----------------|
| 2. ___ Supreme Power is in the hands of the citizens | A. Monarchy |
| 3. ___ Supreme power is held by a religious leader | B. Dictatorship |
| 4. ___ Supreme power is in the hands of a king or queen who inherited the position and reigns for life. | C. Oligarchy |
| | D. Democracy |
| | E. Theocracy |
| | F. Republic |

5. ___ In their first attempt in forming a government, the Founding Fathers wrote what document?
(1 point)

- A. Magna Carta, B. Articles of Confederation, C. Committee of Correspondence, D. Bill of Rights**

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(1/2 point each Max 2 points)

8. In return for the rights we have as citizens, we have several responsibilities. Name 4 of these.
(1/2 point each Max 2 points)

9. Name the three branches of our government. (1/3 point each Max 1 point)

10. What type of government do we have in the United States? (1 point)

11. What is the name for the first 10 amendments to the Constitution? (1 point)

Turn Paper Over For More Questions

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A. Ensures that all the government bills are paid. **B.** Makes sure that our government is fair to all citizens. **C.** Makes sure that none of the three branches of government becomes too powerful.

13. The opening paragraph of the Constitution is called the (1 point each Max 3 points)

_____. It states six reasons for creating this document. Name 2.

14. Demonstrate the correct way of folding the U. S. flag to the Leader. (3 points)

Reddog – Scout Handbook

1. Recite the Scout law to the Leader: (1 point)
2. What does EDGE stand for? (1 point)
 - a. _____
 - b. _____
 - c. _____
 - d. _____
3. Name the Three R's of personal protection: (1 point)
 - a. _____
 - b. _____
 - c. _____
4. Who was the founder of the world wide scouting movement? (1 point)

5. What is the Scout motto? (1 point)

6. What is the Scout Slogan? (1 point)

7. Which hand do you use to shake hands? (1 point)
 - a. With someone in Scouting: _____
 - b. With someone outside of scouting: _____
8. What does the eagle with a shield on the First Class Scout badge represent? (1 point)

9. What do the two stars on the First Class Scout badge stand for? (1 point)
 - a. _____
 - b. _____
10. What does the knot below the scroll on the First Class scout badge remind a scout to do?
(1 point) _____

Turn Paper Over For More Questions

11. Pick at least four (4) of the following components that are part of the Official BSA Field Uniform? (1 point)
- a. Scout shirt
 - b. Scout Hat or Cap
 - c. Scout T-Shirt with troop logo
 - d. Scout pants/shorts
 - e. Scout Neckerchief
 - f. Scout Sash
 - g. Scout socks
 - h. Scout belt
12. Where would you wear the Klondike Derby patch on your uniform? _____ (1 point)
13. Name at least three (3) youth members that make up a patrol leaders' council? (1 point)
- a. _____
 - b. _____
 - c. _____
14. What is the difference between long-term goals and short-term goals? (1 point)
- _____
- _____
15. Which statement is best that describes a servant leader? (1 point)
- a. He tells people what to do and knows how to do everything
 - b. He gives other people credit for the group's success instead of hogging the spotlight
16. Which sleeve is the leadership badge worn on? (1 point) _____
17. True or False: The Patrol Method involves placing scouts in small groups. Each patrol member shares responsibility for the patrol's success.
18. What is the minimum number of merit badges needed for Eagle? (1 point) _____
19. How many "Eagle Required" (otherwise known as "Silver border") merit badges must you have to achieve your Eagle? (1 point) _____
20. True or False. Merit badge requirements may be adapted if the person can't physically perform them. (1 point)

Shagelux – Map

Must use the new USGS TOPO SHADY VALLEY, TN VA 2003 edition

1. Following the Appalachian Trail, what is the distance from Locust Knob (Black dot) to Locust Pole Knob (Black dot)? _____ (Max 3 points)
2. How long would it take you to continue your hike from Locust Pole Knob to the shelter at McQueen Gap (2.5 miles) if you are traveling at 1.5 miles/hour? (3 points)

3. What is the declination as indicated on map? (1 point)

4. What is the elevation of South Holston Lake? (1 point) _____

5. A map that looks like it is a picture taken from an airplane or satellite is what kind of map? (1 point) _____

6. On the Map point out the location of three shelters on the Appalachian Trail to the leader.

Have the leader point to the start of the Appalachian Trail

Did you find them: Yes No (1 point)

7. What is this on the Map at the **RED** Arrow? (1 point) _____

8. What are contour intervals? (1 point) _____

Point them out on this map to the leader. Did you find them: Yes No (1 point)

9. What is the distance between two contour lines on this map? (1 point) _____

10. Index lines are also contour lines? Yes No (1 point)

Turn Paper Over For More Questions

11. What is special about an index line? (1 point)

12. What is the difference between the elevation of Delaney Mountain and McQueen Gap?

(1 point) _____

Find the correct elevation for each point:

a. What is Delaney Mountain elevation: _____

b. What is McQueen Gap elevation: _____

13. When was this map last updated? (1 point) _____

14. Why is it important to have the latest update of a map? (1 point)

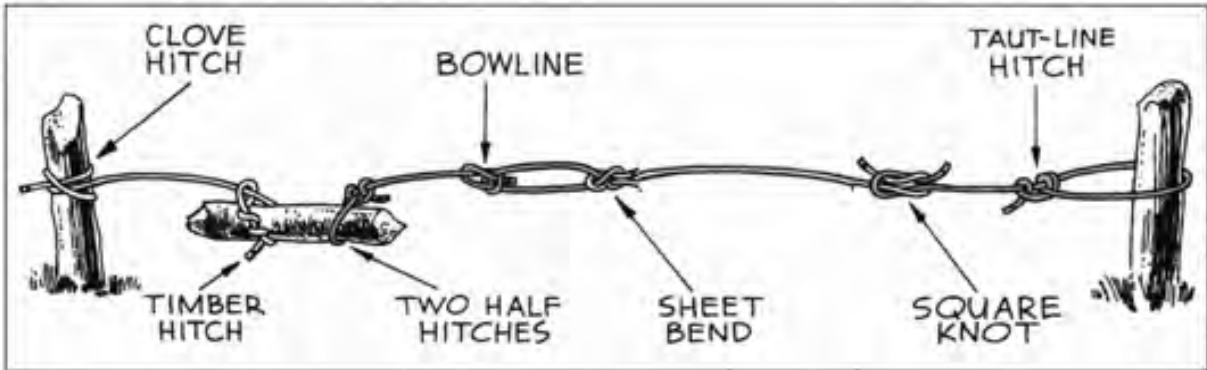
15. What is the scale of this map? (1 point) _____

16. Which map would give more detail: A map with the scale of 1:40000 or a map with the scale of

1:64000? _____ (1 point)

Yakataga – Knots and Lashings

Welcome to our fair city Yakataga mayor "YAK" welcomes you. The Mayor wants your Patrol to demonstrate to him Ten (10) basic Boy Scout Knots. The first seven (7) will be tied in the sequence and manner shown in the drawing below. Scouts selected by the Mayor will tie the last three (3) knots.



Today you will be asked to show your knot tying and lashing skills. You will need a rope for each patrol member to test your Basic knots. You will also be asked to either perform a challenge or be asked questions to complete the challenge.

Knots

- Clove hitch _____
- Timber hitch _____
- Two half hitches _____
- Bowline _____
- Sheet bend _____
- Square Knot _____
- Taut line hitch _____
- Whipping _____
- Coiling a rope or cord _____
- Necktie _____

Complete challenge with proper knots _____ (10 points)

Lashings _____ (8 points)

Scout Spirit _____ (1 point)

Patrol Participation _____ (1 point)

Total _____ (20 points)

