

/20

NOTE: Your score out of 20 will be converted to a score of 15.

All questions are worth 1 point.

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For the following questions, use the *WORKSHEET MAP*. If *YOU* print a copy, print a *HIGH QUALITY COLOR COPY!* I **strongly encourage** you to view the computer version of the map when completing your worksheet. The black vertical lines on the map are north-south lines. Use them as reference lines when measuring bearings. Use the bar scale on the map to measure distances.

1. Which is higher, the lake at point 1, or the lake at point 3?
2. The lake at point 5 is situated in what kind of landform feature?
3. Which way does the water flow OUT of Valentine Lake - to the NE, or to the NW?
4. What is the elevation of each of the following points? The "x" marks the spot for each point.
 - Point 2 FT. • Point 6 FT.
 - Point 7 FT. • Point 4 FT.
5. Fill in the empty spaces below. Bearings must be no more than 2° off and the distances within .1 miles. Provide distance as a decimal (to 1 decimal point - e.g. 1.5, not "a mile and a half".) DO NOT account for slope error when estimating distance. Use the bar scale at the bottom left corner of the map to measure distance.

	FROM THE	TO THE	MAP			FROM THE	TO THE	MAP	
	<u>"X" AT</u>	<u>"X" AT</u>	<u>BEARING</u>	<u>DISTANCE</u>		<u>"X" AT</u>	<u>"X" AT</u>	<u>BEARING</u>	<u>DISTANCE</u>
A.	Pt. 1	Pt. 4	.....	.....	B.	Pt. 7	Pt. 5	.....	.....
C.	Pt. 3	Pt. 2	.....	.....	D.	Pt. 6	Pt. 1	.....	.....

6. How long is the Moss Lake trail from the point where it enters the map at the NE corner, to where it exits the map on the W side? MILES
7. What is the name of the specific feature that lies 168° and 3.2 miles from the "x" at point 6? (be specific, do not state "peak", "lake", "pass", etc.)
8. How many total feet of elevation will you GAIN while hiking on the section of trail FROM Pt. A TO Pt. B? FT.
9. How many total feet of elevation will you LOSE while hiking on the section of trail FROM Pt. A TO Pt. B? FT.
10. What is the net elevation change (or difference) between point A and point B? FT.