

All questions are worth 1 point.

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.

- Which is higher, Valentine Lake, or the lake at point 3? Valentine Lake.....
- Eel Lake is situated in what kind of landform feature? Pass or saddle.....
- Which way does the water flow INTO Valentine Lake - from the NW, or from the NE? NE.....

4. What is the elevation of each of the following points? The "x" marks the spot for each point.

- Point 3 ..... 10,100 FT.                      • Point 7 ..... 10,260 FT.
- Point 2 ..... 10,580 FT.                      • Point 6 ..... 10,340 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 "X" AT	TO THE "X" AT	MAP BEARING	LINEAR DISTANCE	FROM THE "X" AT	TO THE "X" AT	MAP BEARING	LINEAR DISTANCE
A. Pt. 1	Pt. 7	357°.....	1.7-1.8 .....	B. Pt. 6	Pt. 2	128°.....	..... 2.3-2.4
C. Pt. 3	Pt. 1	199°.....	4.6-4.8 .....	D. Pt. 1	Pt. 2	77°.....	..... 3.9-4.1

- 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 at the NW side? 6.2 – 6.6 MILES
- What is the name of the specific feature that lies 342° and 3.25 miles from the "x" at Lake 2? (be specific, do not state "peak", "lake", "pass", etc.) ..... Valentine Mtn.
- How many total feet of elevation will you GAIN while hiking on the section of trail FROM Pt. A TO Pt. B? ..... 880 FT.
- How many total feet of elevation will you LOSE while hiking on the section of trail FROM Pt. A TO Pt. B? ..... 720 FT.
- What is the net elevation change (or difference) between point A and point B? ..... 160 FT.