

**IMPORTANT!** After your worksheet is returned you may notice a grading error. You might want to challenge a response that could be incorrectly graded, so submit a clean worksheet. I WILL NOT consider changing the score on any answer that has been completed in pencil, or changed (scratched through) in pen. Do not discard your worksheet after it has been returned until you check your score on Blackboard.

You **MUST** complete the correct worksheet! Worksheets are changed EVERY TERM! Previous versions will **NOT** be accepted!

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. This map is NOT a 7.5-minute map with a 1:24,000 scale. It is an enlarged copy of a portion of a 7.5-minute topographic map from a region of the Wind River Range in Wyoming. Use the bar scale to measure distances.

- Which is lower, Alpine Lake, or Snowbridge Lake? \_\_\_\_\_
- Point 5 is situated in what kind of landform feature? \_\_\_\_\_
- Which way is the stream that enters or exits the east end of Snowbridge Lake flowing – E to W, or W to E? \_\_\_\_\_
- Fill in the empty spaces below. *Bearings must be no more than 2° off and the elevations must be EXACT.* 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. Each response is worth 1 point, so be precise and detail oriented with all calculations!

'A' serves as an example. Take the time to review 'A' on your own to confirm that you are on the right track. You will find a ruler helpful to connect points that are farther apart than the length of the compass base plate. I recommend using a pencil to draw a faint line between two points that are far apart, then measuring the bearing.

	<u>FROM</u>	<u>TO</u>	<u>MAP BEARING</u>	<u>LINEAR DISTANCE</u>	<u>WHAT ARE THE ELEVATIONS OF THE FOLLOWING POINTS?</u>	
A.	Doug. Pk.	Carthon. Pk.	10°	2.6 miles	D.P. = _____ 12,180 ft.	C.P. = _____ 10,900 ft.
B.	Pt. 1	Pt. 2	_____	_____	pt. 1 = _____ ft.	pt. 2 = _____ ft.
C.	Pt. 3	Pt. 4	_____	_____	pt. 3 = _____ ft.	pt. 4 = _____ ft.
D.	Pt. 6	Pt. 7	_____	_____	pt. 6 = _____ ft.	pt. 7 = _____ ft.

- How long is the trail from Point C to point A (heading W around the S side of Alpine Lake, around the SE side of Bear Lake, and the S side of Snowbridge Lake)? **Do NOT** account for slope error. The distance along the trail is \_\_\_\_\_ MILES
- What is the name of the specific feature that lies 325° and 2.8 miles from the "x" at point 4? \_\_\_\_\_
- How many total feet of elevation will you **GAIN** while hiking on the section of trail between Pt. C and Pt. B? \_\_\_\_\_
- How many total feet of elevation will you **LOSE** while hiking on the section of trail between Pt. C and Pt. B? \_\_\_\_\_
- What is the **NET** elevation change (or difference) between point C and point B? \_\_\_\_\_