

5. Topographic Map: Juneau, Alaska

- a. What landform is the letter "A" pointing to? _____
How was this landform created?
- b. What type of landform is the letter "B" pointing to? _____
- c. What type of glacier is the Thiel Glacier? _____

6. Topographic Map: Mt. Jackson, Colorado

- a. Letter "A" is pointing to Avalanche Peak.
What type of landform is this an example of? _____
How did the shape and spacing of the contour lines help you determine the type of landform?
- b. The letter "B" is on a landform that extends from Avalanche Peak to just slightly past the "B."
What type of landform is this an example of? _____
How did the shape and spacing of the contour lines help you determine the type of landform?
- c. The letter "C" is on a lake. What is the name for this type of lake? _____
How did you decide this? (Hint: if you're not sure, go on to part (d); this may help your decision.)
- d. What is the landform found to the south, south-southeast and south-southwest of the letter "C" shown with brown contour lines? _____
What is the landform shown with blue contour lines? _____
- e. The letter "D" is in a valley. Draw a sketch showing a profile *across* the valley. Based on your sketch, do you think this valley was carved by glacial erosion? Why or why not?

7. Topographic Map: Mt. Rainier East, Washington

- a. How can you distinguish bedrock from glaciers on this map?

- b. What do brown speckles on topographic maps refer to in general?

- c. The letter "A" is pointing to three examples of the same type of landform, shown by brown speckles. What is the specific name of the glacial landform the letter "A" is pointing to? _____
- d. The letter "B" is pointing to another type of landform shown by brown speckles. What is the specific name of the landform the letter "B" is pointing to? _____
 If you were standing next to the letter "B" and looking at this landform, what shape would it have (what would it look like)?

How do the contour lines help define the shape of this landform?

- e. The letter "C" appears twice. Both of these are on examples of the same type of landform. This landform is also symbolized by brown speckles. What specific type of landform is marked by the letter "C"? _____

8. Ahern Pass, Montana

- a. How many glaciers appear on this map? _____
- b. The letters "A" refers to a landform adjacent to a glacier, shown by brown speckles. What type of landform does the letter "A" point to? _____
 Why is there a gap in this feature?

c. The letter "B" points to another example of the same type of landform as "A." What does the position of this landform ("B") relative to the glacier tell us about the former size of the glacier?

d. What is the specific name of the landform "C" points to? _____

e. What type of landform is Ipasha Peak? _____

9. Topographic Map and Photos: Isabelle Glacier, Colorado

a. What is the name of the landform directly behind (or north-northwest of) Isabelle Glacier (where the "a" is in the photo)? _____

b. What is the name of the landform that Isabelle Glacier sits in? _____

c. What is the name of the landform shown in the photo to the left (or south) of the glacier, as well as along the upper portion of the photo, where the "c" is in the photo? (For another view of this landform, see the photo below; the landform is labeled with a "c.") _____

How did you decide what type of landform this was?

This landform does not show on the map. How would this landform normally be symbolized on a topographic map?

f. What type of landform is Apache Peak? _____

g. Examine the map and find another example of the same type of landform as Apache Peak. Where is this second example? _____

h. What type of landform is Niwot Ridge (shown on the map)? _____

How did you decide this?