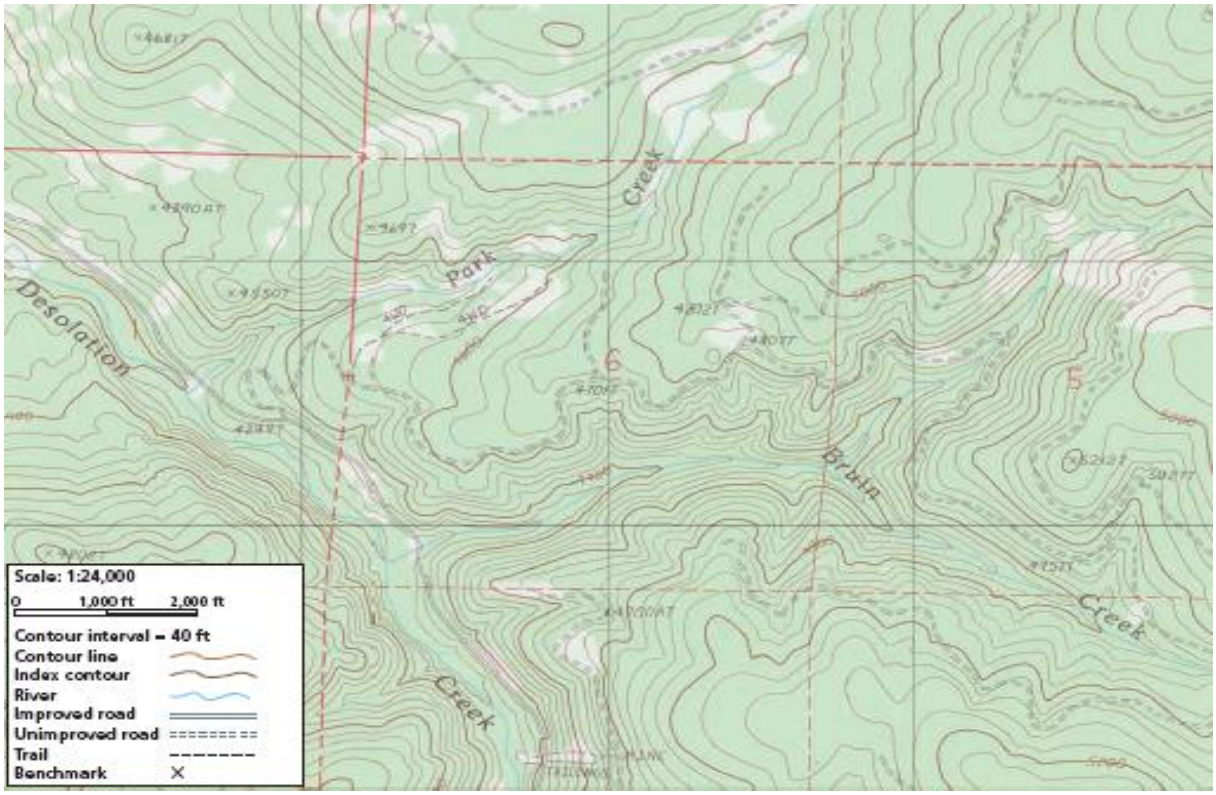
Topographic Map of the Desolation Watershed 15



Name _____ Date_____

Topographic Map of the Desolation Watershed

This map, produced by the United States Geological Survey (USGS), shows the topography of the area around the Desolation Watershed located in eastern Oregon. Note that the USGS always uses English units, not metric units, when measuring distance. Use the map to answer the questions below.

1. Using a Key What is the distance between the location on the northwest corner of the map labeled " 4681T" and the location on the eastern side of the map labeled " 5212T" ?

2. Analyzing Data In which direction does Park Creek flow? How are you able to determine this information by looking at the map?

3. Making Comparisons Which area has the steeper slopes: the area around Park Creek or the area around Bruin Creek? How are you able to determine this information by looking at the map?

4. Inferring Relationships What is the elevation of the contour line that circles the point 4550T, located on the northwest portion of the map?

5. Identifying Trends Desolation Creek, Park Creek, and Bruin Creek enter the map from different geographic directions. Use the information on the map to determine what these creeks have in common in terms of their direction of flow.

6. Analyzing Relationships What is the total change in elevation between two index contours?