

## Maps as Models of the Earth



Name Class Date Geologists regularly use topographic maps In the picture below, you can see the in their work. Topographic maps show the difference in elevation for a series of topography of the mapped area. Topography mountains and valleys. The differences in altitude, landforms, and the overall form A only structures constructed by human of the land is called a map projection only natural features on the earth's surface a contour inter only mountains and mountain akes topography all natural and constructed features on ke and dip the earth's surface By definition, topography is the difference in the 3 Geologists use a number of different types of altitude between the high and low parts of a land maps to do their work. Below is a map with a surface and overall form of the land. number of lines that indicate different Below is a picture of Mt. St. Helens, a volcanic elevations. This type of man is called 5 **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet 7 topography is the elevation (that is, the number of feet above sea level). Study the topographic map pictured A flat here and determine the contour interval B hilly sloping A 5feet D very stee 10 feet 50 feet Consider the topography in the top left corner Contour lines conne 9 of this picture. Notice that the contour lines elevation on a map. are far away from each other. How would you As a result, describe the topography represented in the contour lines top left corner of this map? A relatively flat A always form circles B hilly B are always close together C sloping C intersect occasionally D very steep **D** never intersect



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