

Instructions: Answer the questions below.

1. How does a topographic map represent elevation changes on a two dimensional surface?
2. As contour lines on a topographic map get closer together, what does that tell us about how steep the slope is getting?
3. When do contour lines cross each other?
4. Why do map projections cause distortion?
5. What is a Mercator?
6. What is a GPS and how does one work?
7. What can a person use a Geographic Information System (GIS) for?
8. A stream dropped in elevation 35 feet over a 2.0 mile span. What is the stream gradient?