

1. Draw isolines with an interval of 50 feet.
2. Label each isoline with its value.
3. Measure the distance from B to D.

4. Calculate the gradient between points A and B.

5. Calculate the gradient between points C and D.

6. Calculate the gradient between points E and F.

7. Which gradient (AB, CD, EF) was the steepest (greatest value)? Answer in full sentences.

8. Look at the section of the map where the steepest gradient is located. What do the isolines do where the gradient is steep? Answer in full sentences.

9. Which gradient (AB, CD, EF) was the gentlest (lowest value)? Answer in full sentences.

10. Look at the section of the map where the gentlest gradient is located. What do the isolines do where the gradient is gentlest? Answer in full sentences.