

9: Slope and Perpendicular Lines

Geometry
orally

Directions: Find the slope, then find the slope of a line that is perpendicular.

Ex: 1) (19, -16), (-7, -15)

~~$$\frac{19 - (-7)}{-16 - (-15)} = \frac{26}{-1} = -26$$~~

~~Opp. Rec. = $\frac{1}{\text{slope}}$ = Perpendicular Slope~~

2) (1, -19), (-2, -7)

4) (20, 8), (9, 16)

5) (17, -13), (17, 8)

6) (19, 3), (20, 3)

7) (3, 0), (-11, -15)

8) (19, -2), (-11, 10)

Name _____
Date _____
Period _____