FINDING THE SLOPE FROM TWO POINTS

ANSWERS



RE-WRITE THE POINTS ON TOP OF EACH OTHER AND FIND THE DIFFERENCE BETWEEN THE TWO X AND Y COORDINATES.





NOW YOUR TURN. USE THE POINTS FROM EACH LINE TO DETERMINE ITS SLOPE. WRITE IF THE SLOPE IS POSITIVE, NEGATIVE, ZERO, OR UNDEFINED.

1. (-2, 0), (5, 3)2. $-\frac{3}{-7} = \frac{3}{7}, (-2, 0), (-2, 0), (-2, -13), (-2, -2, -13), (-2, -2, -2), (-2, -2, -13), (-2, -2, -2), (-2, -2, -13), (-2, -2, -2), (-2, -2), (-2,$

2. (1, 4), (-8, -4) **8** (1, 4) **9** $-\frac{(-8, -4)}{9, 8}$ **POSITIVE** 5. (18, 11), (3, 16) $\frac{-5}{15} = \frac{-1}{3} -\frac{(18, 11)}{15, -5}$ **NEGATIVE** 8. (-7, -4), (-7, -14) $\frac{10}{0} = NS -\frac{(-7, -4)}{(-7, -14)}$

UNDEFINED

3. (10, 2), (7, 2) $\frac{0}{3} = 0$ (10, 2) - (7, 2) 3, 0ZERO 6. (5, 15), (7, 19) $\frac{-4}{-2} = 2$ (5, 15) - (7, 19) -2, -4POSITIVE 9. (12, -17), (24, -9) $\frac{-8}{-12} = \frac{2}{3}$ - (12, -17)- (24, -9)

POSITIVE LEVEL 3