

# ANSWER, FIND, AND SHADE

## FINDING THE SLOPE FROM TWO POINTS

# ANSWERS

WATCH OUT FOR THE NEGATIVES AND POSITIVES.

1.  $(5, 6), (3, 2)$

$$\frac{(5, 6) - (3, 2)}{2, 4} = \frac{4}{2} = 2$$

2.  $(2, 9), (7, 8)$

$$\frac{(2, 9) - (7, 8)}{-5, 1} = -\frac{1}{5}$$

$$\frac{1}{-5} = -\frac{1}{5}$$

3.  $(-4, 3), (0, 6)$

$$\frac{(-4, 3) - (0, 6)}{-4, -3} = \frac{3}{4}$$

4.  $(6, 3), (-4, -1)$

$$\frac{(6, 3) - (-4, -1)}{10, 4} = \frac{2}{5}$$

5.  $(-1, -5), (-5, 2)$

$$\frac{(-1, -5) - (-5, 2)}{4, -7} = -\frac{7}{4}$$

6.  $(18, 13), (15, 14)$

$$\frac{(18, 13) - (15, 14)}{3, -1} = -\frac{1}{3}$$

7.  $(1, 10), (-2, 1)$

$$\frac{(1, 10) - (-2, 1)}{3, 9} = 3$$

8.  $(8, 14), (4, 14)$

$$\frac{(8, 14) - (4, 14)}{4, 0} = 0$$

9.  $(-28, 16), (-14, 22)$

$$\frac{(-28, 16) - (-14, 22)}{-14, -6} = \frac{3}{7}$$

10.  $(-3, 0), (3, 1)$

$$\frac{(-3, 0) - (3, 1)}{-6, -1} = \frac{1}{6}$$

11.  $(4, 7), (-9, -11)$

$$\frac{(4, 7) - (-9, -11)}{13, 18} = \frac{18}{13}$$

12.  $(19, 2), (9, 3)$

$$\frac{(19, 2) - (9, 3)}{10, -1} = -\frac{1}{10}$$

13.  $(17, -21), (9, 11)$

$$\frac{(17, -21) - (9, 11)}{8, -32} = -4$$

14.  $(-15, -16), (-6, -5)$

$$\frac{(-15, -16) - (-6, -5)}{-9, -11} = \frac{11}{9}$$

