

Name _____

Writing Equations Given Two Points

Write the equation from the given points.

1. $(0, -3)$ and $(1, -4)$

6. $(1, 5)$ and $(4, 1)$

2. $(5, 3)$ and $(-1, 3)$

7. $(0, 0)$ and $(-4, 5)$

3. $(2, 1)$ and $(-5, -3)$

8. $(1, 0)$ and $(-3, 3)$

4. $(5, 5)$ and $(2, -3)$

9. $(-4, 5)$ and $(5, -5)$

5. $(7, -3)$ and $(7, 6)$

10. $(-2, -2)$ and $(2, -5)$

Name _____

Writing Equations Given Two Points Answers

Write the equation from the given points.

1. (0, -3) and (1, -4)

$$y = -x - 3$$

6. (1, 5) and (4, 1)

$$y = -\frac{4}{3}x + \frac{19}{3}$$

2. (5, 3) and (-1, 3)

$$y = 3$$

7. (0, 0) and (-4, 5)

$$y = -\frac{5}{4}x$$

3. (2, 1) and (-5, -3)

$$y = \frac{4}{7}x - \frac{1}{7}$$

8. (1, 0) and (-3, 3)

$$y = -\frac{3}{4}x + \frac{3}{4}$$

4. (5, 5) and (2, -3)

$$y = \frac{8}{3}x - \frac{25}{3}$$

9. (-4, 5) and (5, -5)

$$y = -\frac{10}{9}x + \frac{5}{9}$$

5. (7, -3) and (7, 6)

$$x = 7$$

10. (-2, -2) and (2, -5)

$$y = -\frac{3}{4}x - \frac{7}{2}$$