

Class Time Examples

Date _____

Write the slope-intercept form of the equation of the line through the given points.1) through: $(1, 0)$ and $(4, -2)$ 2) through: $(-5, -2)$ and $(-3, -1)$ 3) through: $(2, -3)$ and $(-3, -5)$ 4) through: $(2, -1)$ and $(0, -5)$ 5) through: $(-3, 1)$ and $(-3, 0)$ 6) through: $(-1, -5)$ and $(4, 5)$ 7) through: $(0, -5)$ and $(-3, -3)$ 8) through: $(0, -4)$ and $(-5, -5)$

Answers to Class Time Examples

1) $y = -\frac{2}{3}x + \frac{2}{3}$

5) $x = -3$

2) $y = \frac{1}{2}x + \frac{1}{2}$

6) $y = 2x - 3$

3) $y = \frac{2}{5}x - \frac{19}{5}$

7) $y = -\frac{2}{3}x - 5$

4) $y = 2x - 5$

8) $y = \frac{1}{5}x - 4$

