

Lesson 11 Assignment Equations of Lines - Pt and Slope Date _____ Period _____

Write the slope-intercept form of the equation of the line through the given point with the given slope.

1) through: $(-4, -5)$, slope = 1

2) through: $(1, -5)$, slope = $\frac{5}{2}$

3) through: $(-5, -3)$, slope = 1

4) through: $(3, -4)$, slope = -1

5) through: $(-5, 0)$, slope = 2

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

7) through: $(-4, -3)$, slope = $\frac{3}{2}$

8) through: $(-5, -1)$, slope = 2

9) through: $(-4, 3)$, slope = $\frac{1}{5}$

10) through: $(-4, 4)$, slope = $-\frac{1}{3}$

Answers to Lesson 11 Assignment Equations of Lines - Pt and Slope (ID: 1)

1) $y = x - 1$

2) $y = \frac{5}{2}x - \frac{15}{2}$

3) $y = x + 2$

4) $y = -x - 1$

5) $y = 2x + 10$

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

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

8) $y = 2x + 9$

9) $y = \frac{1}{5}x + \frac{19}{5}$

10) $y = -\frac{1}{3}x + \frac{8}{3}$