

Writing Equations

Date _____ Period _____

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

1) through: $(-3, 4)$, slope = -2

2) through: $(1, -2)$, slope = -4

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

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

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

6) through: $(3, -4)$, slope = $-\frac{8}{3}$

Write the standard form of the equation of each line.

7) $y = \frac{1}{5}x + 2$

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

9) $y = \frac{2}{5}x + 5$