

Quiz 11.2

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

1) through: $(4, -2)$, slope = 0

A) $y = -2x$

B) $y = -2$

C) $y = 2x$

D) $y = 2$

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

A) $y = -3x + \frac{1}{5}$

B) $y = \frac{1}{5}x - 3$

C) $y = -\frac{4}{5}x - 3$

D) $y = -\frac{1}{5}x - 3$

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

3) through: $(4, -2)$ and $(2, 0)$

A) $y = -x + 2$

B) $y = x + 2$

C) $y = x + 1$

D) $y = 2x + 1$

4) through: $(0, -1)$ and $(2, -3)$

A) $y = x + 1$

B) $y = -x + 1$

C) $y = -x - 1$

D) $y = x - 1$

Solve each equation.

5) $-6.45(-3.3x - 5.5) = 106.77975$

A) $\{-6.1\}$

B) $\{3.35\}$

C) $\{5.181\}$

D) $\{-11.7\}$

6) $-5.7(1.1 - 6r) - 4.6r = -94.3004$

A) $\{-3.9\}$

B) $\{-2.6\}$

C) $\{-2.974\}$

D) $\{1.05\}$