

Quiz 10.1

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Find the slope, x-intercept, and y-intercept of the following.

1) $5x - 2y = -8$

- A) $m = -\frac{5}{2}$, $x = \frac{8}{5}$, $y = 4$
 B) $m = \frac{5}{2}$, $x = -\frac{8}{5}$, $y = 4$
 C) $m = \frac{2}{5}$, $x = \frac{8}{5}$, $y = 4$
 D) $m = 5$, $x = -8$, $y = -2$

Name the x and y-intercepts

2) $y = -6$

3) $x = 7$

- A) $x = -6$, $y = \text{none}$
 B) $x = -6$, $y = -6$
 C) $x = \text{none}$, $y = 6$
 D) $x = \text{none}$, $y = -6$
 A) $x = -7$, $y = \text{none}$
 B) $x = \text{none}$, $y = 7$
 C) $x = 7$, $y = \text{none}$
 D) $x = 7$, $y = 7$

Determine the y-intercept of the graph of each equation.

4) $-5y - 2x + 15 = 0$

5) $-3y = 3x - 6$

- A) 3 B) -3
 C) $\frac{2}{5}$ D) $-\frac{2}{5}$
 A) $y = 2$ B) 1
 C) -1 D) 2

Solve each equation for the indicated variable.

6) $R = f + ght$, solve for f

- A) $\{\frac{R}{ght} = f\}$
 B) $\{R + ght = f\}$
 C) $\{R - ght = f\}$
 D) $\{Rght = f\}$