Name

Linear Equations - Find Intersection (Decimal) - With Horizontal Line

1 Find the intersection point of these two lines

$$y = -6x - 0$$
$$y = 7$$

A $(-1.17, 7)$ B $(-2.17, 7)$ C $(-1.17, 9)$ D $(-3.17, 7)$ E $(-5.17, 3)$ F $(-6.17, 7)$

2 Find the intersection point of these two lines

$$y = -5x + 7$$
$$y = 8$$

A $(-5.2, 8)$ B $(0.8, 8)$ C $(-1.2, 9)$ D $(-3.2, 8)$ E $(3.8, 8)$ F $(-0.2, 8)$

3 Find the intersection point of these two lines

$$y = -5x - 3$$
$$y = -4$$

A $(0.2, -4)$ B $(4.2, -4)$ C $(1.2, -7)$ D $(-0.8, -6)$ E $(-3.8, -4)$ F $(2.2, -5)$

4 Find the intersection point of these two lines

$$y = -3x + 2$$
$$y = -5$$

A $(3.33, -6)$ B $(2.33, -5)$ C $(0.33, -7)$ D $(4.33, -5)$ E $(6.33, -4)$ F $(1.33, -5)$

5 Find the intersection point of these two lines

$$y = 2x + 4$$
$$y = 1$$

A $(-6.5, 0)$ B $(-2.5, 1)$ C $(-1.5, 1)$ D $(0.5, 0)$ E $(-0.5, 1)$ F $(-6.5, 1)$

6 Find the intersection point of these two lines

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

A $(8, 8)$ B $(10, 8)$ C $(5, 4)$ D $(7, 8)$ E $(11, 9)$ F $(13, 8)$

7 Find the intersection point of these two lines

$$y = 5x + 1$$
$$y = -3$$

A $(3.2, -3)$ B $(-4.8, 1)$ C $(1.2, -3)$ D $(2.2, -5)$ E $(-0.8, -3)$ F $(2.2, -3)$

8 Find the intersection point of these two lines

$$y = 2x - 1$$
$$y = -2$$

A $(3.5, -2)$ B $(-2.5, -3)$ C $(0.5, -2)$ D $(-0.5, -2)$ E $(-3.5, -6)$ F $(-1.5, -5)$