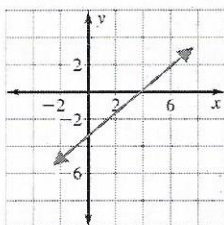


Lesson 4.4 Worksheet

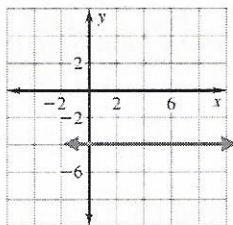
Name: _____

Tell whether the slope of the line is positive, negative, zero, or undefined.

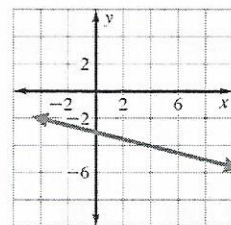
1.)



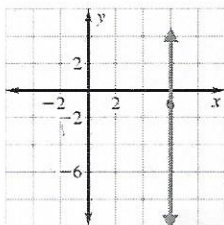
2.)



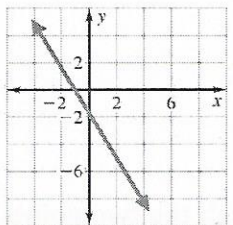
3.)



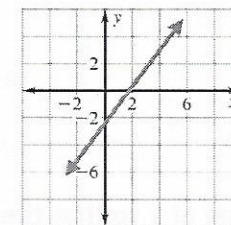
4.)



5.)

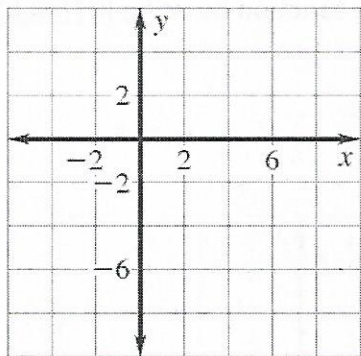


6.)

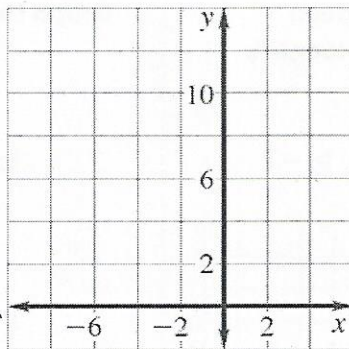


Plot the points and draw a line through them. Without calculating, tell whether the slope of the line is positive, negative, zero, or undefined.

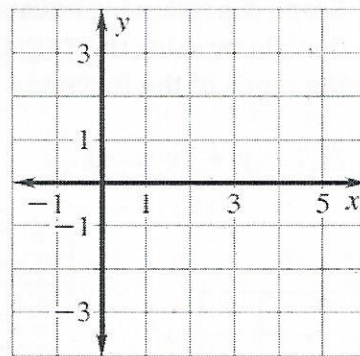
7.) $(6, 2)$ and $(0, -4)$



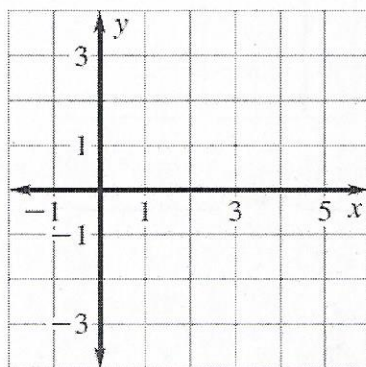
8.) $(-3, 10)$ and $(2, 5)$



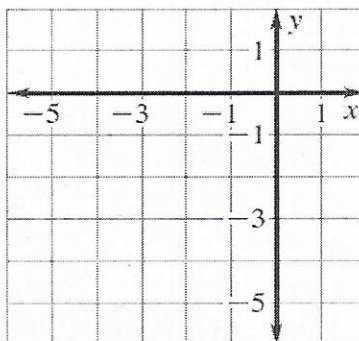
9.) $(1, 3)$ and $(1, -2)$



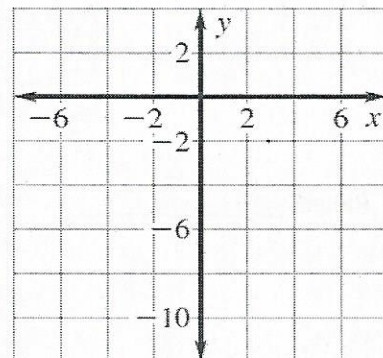
10.) $(5, -3)$ and $(0, 3)$



11.) $(-4, -2)$ and $(0, -2)$



12.) $(-3, 2)$ and $(1, -6)$



Find the slope of the line that passes through the points.

13.) $(0, 4)$ and $(3, 7)$

14.) $(2, 5)$ and $(3, 0)$

15.) $(1, 2)$ and $(2, 5)$

16.) $(4, -8)$ and $(-3, 6)$

17.) $(4, 1)$ and $(3, 7)$

18.) $(3, -2)$ and $(3, 4)$

Find the value of y so that the line passing through the two points has the given slope.

19.) $(0, y), (2, 7); m = \frac{1}{2}$

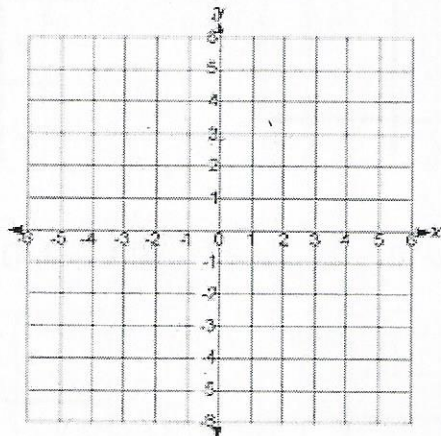
20.) $(4, 2), (5, y); m = 4$

Graph the following equation with the given domain by using the TABLE OF VALUES. Identify the range of the function.

21.) $y - 2x = -1$

domain: $x \geq -2$

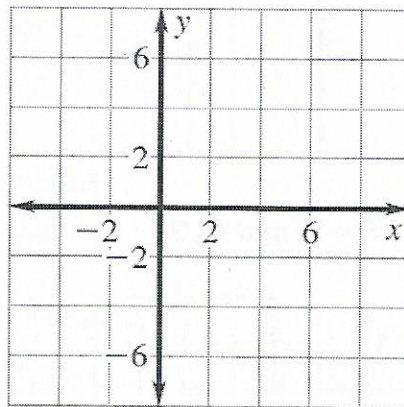
x	y



Range: _____

Graph the following function by using INTERCEPTS

22.) $3x - y = 6$



x-int: _____; y-int: _____