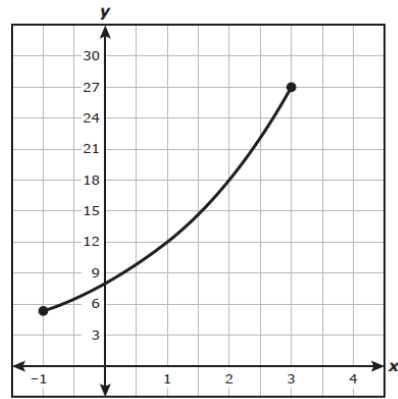


Spiraling Practice

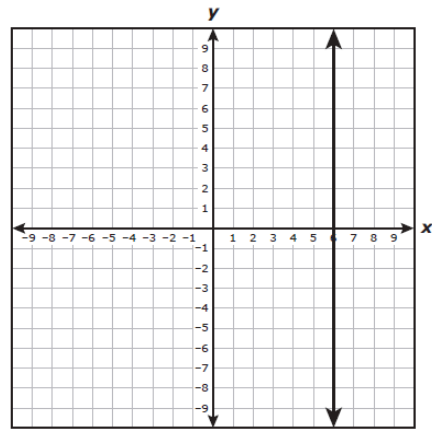
What appears to be the domain of the part of the exponential function graphed on the grid?

- A $-1 \leq x \leq 3$
- B $-1 \leq y \leq 3$
- C $5.3 \leq x \leq 27$
- D $5.3 \leq y \leq 27$



What is the equation and slope of the line shown on the grid?

- A $y = 6$; slope is $-\frac{1}{6}$.
- B $x = 6$; slope is zero.
- C $y = 6$; slope is 6.
- D $x = 6$; slope is undefined.



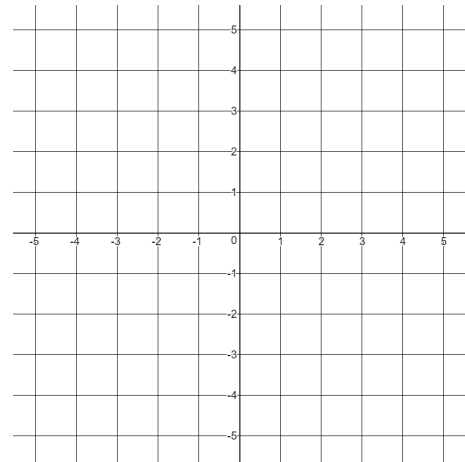
Graph these 4 equations on the grid.

$$y = 3$$

$$y = -4$$

$$x = -2$$

$$x = 5$$

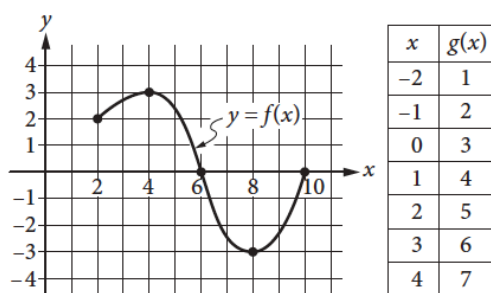


For what value of h is $24 = \frac{h}{10} - 6$?

What is the solution set for $-4x + 1 \geq 5x + 55$?

- F $x \geq 6$
- G $x \geq 54$
- H $x \leq -6$
- J $x \leq -54$

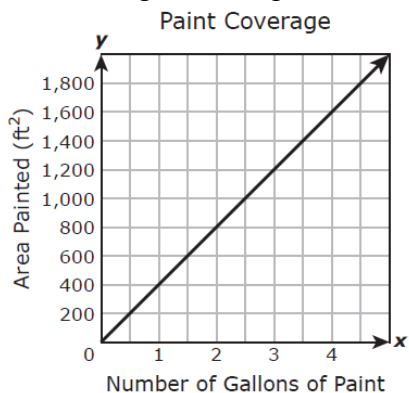
What is the solution to $34x + 95 = 3(14x + 9)$?



The complete graph of the function f and a table of values for the function g are shown above. The maximum value of f is k . What is the value of $g(k)$?

- A) 7
- B) 6
- C) 3
- D) 0

The graph shows the linear relationship between the maximum area in square feet that can be painted and the number of gallons of paint used.



Which of these best represents the rate of change of the maximum area painted with respect to the number of gallons of paint used?

- F $200 \text{ ft}^2/\text{gal}$
- G $\frac{1}{200} \text{ ft}^2/\text{gal}$
- H $400 \text{ ft}^2/\text{gal}$

J $\frac{1}{400}ft^2/gal$