

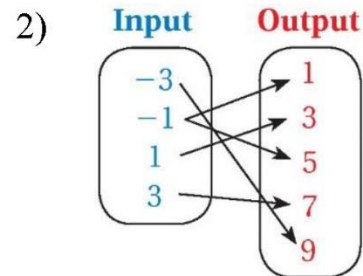
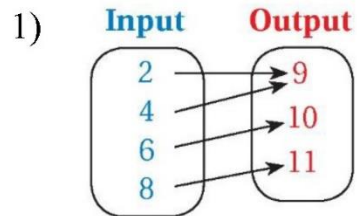
Chapter 6

Review

Name _____ Date _____

Chapter 6 Review

Determine whether the relation is a function. Explain.



Find the value of y for the given value of x .

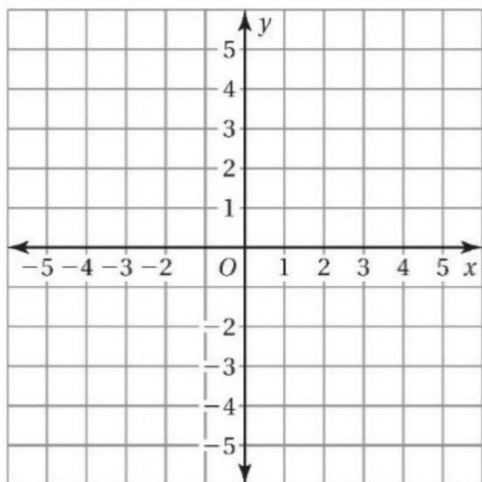
3) $y = 1 - 2x$; $x = 9$

4) $y = 2x^3$; $x = 3$

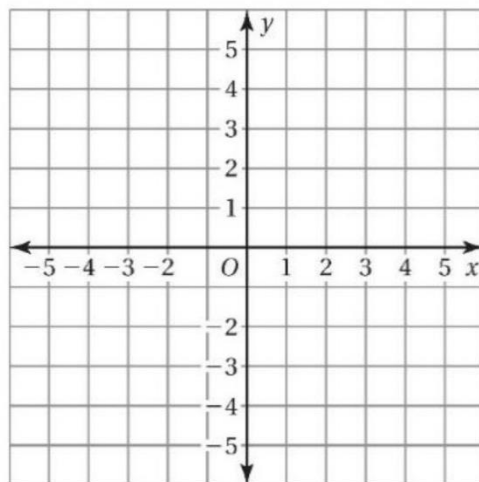
5) $y = \frac{x}{2} + 9$; $x = -12$

Graph the function.

6) $y = \frac{1}{3}x + 2$

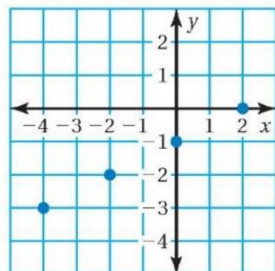


7) $y = -5x + 3$



Use the graph or table to write a linear function that relates y to x .

8)



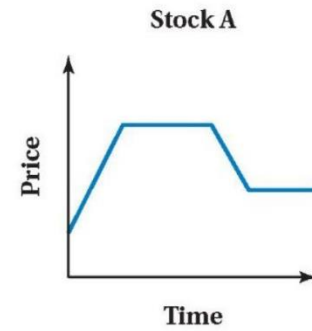
9)

x	0	5	10	15
y	50	40	30	20

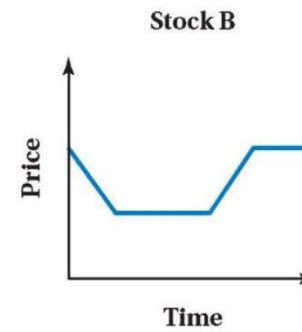
10) The graphs show the prices of two stocks during one day.

a) Describe the sales of each stock.

Stock A



Stock B



b) Make three comparisons from the graphs.

Sketch a graph that represents the situation.

- 11) You are competing in a race. You begin the race by increasing your speed at a constant rate. You then run at a constant speed until you get a cramp and have to stop. You wait until your cramp goes away before you start gradually increasing your speed again at a constant rate. Sketch a graph that represents the situation.

