

More Relations

State the domain and range for each relation.

1. $\{(-7,4) (-3,16) (-4,17) (-6,-8) (-8,12)\}$
2. $\{(-1,-2) (3,6) (-7,14) (-2,8) (-6,2)\}$
3. $\{(0,9) (-8,5) (3,12) (-8,-3) (7,18)\}$
4. $\{(58, 14) (44,97) (74,32) (6,18) (63,44)\}$

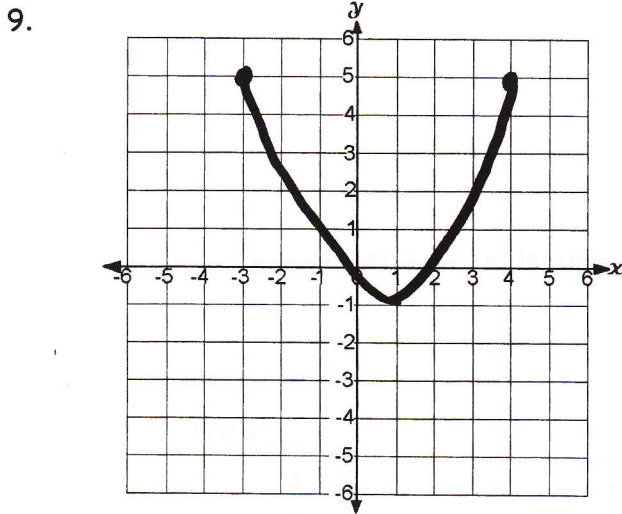
Create a t-table using the domain and the given equation. Find the range.

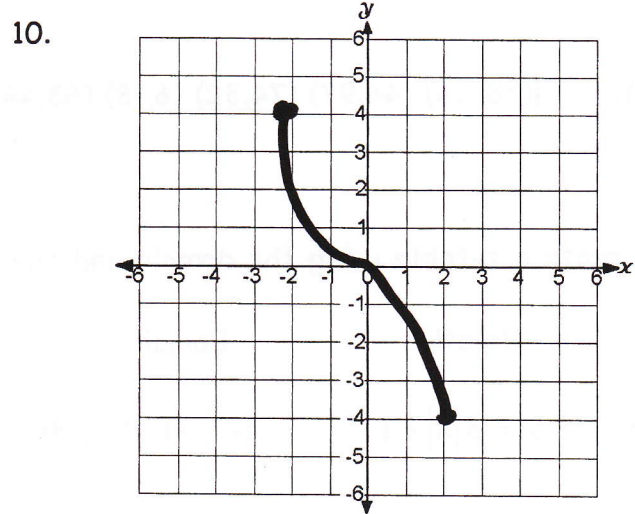
	Relation	Domain				
5.	$y = 3 x + 1$	$\{-2, -1, 0, 1, 3\}$	x		y	(x,y)
6.	$y = 3x - 1$	$\{0, 1, 3, 4\}$	x		y	(x,y)
7.	$y = 4x + 2$	$\{0, 1, 3, 4\}$	x		y	(x,y)

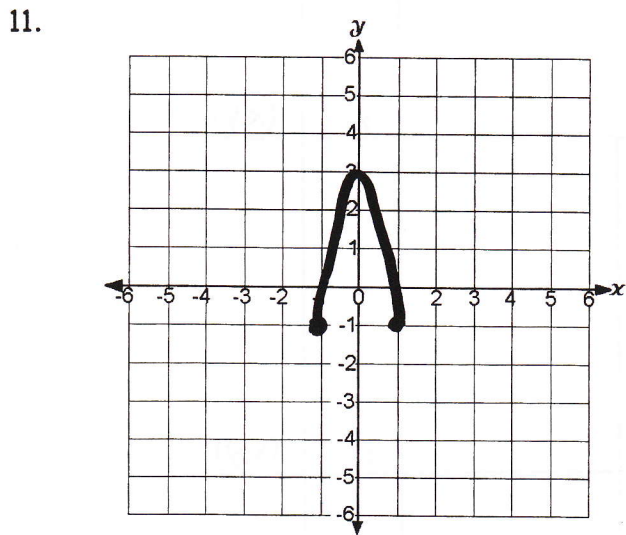
8. $y - 2x = 0$ $\{1, 2, 3, 4\}$

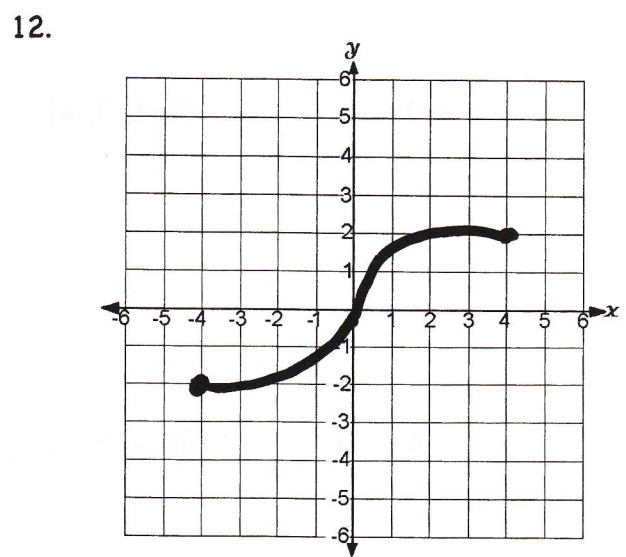
x	y	(x,y)

Find the domain and range of each graph. Write answers on line below graph.









Identify the independent and dependent variable in each situation.

13. Stephen charges \$25 for each lawn he mows.

$x =$

$y =$

14. A car can travel 28 miles per gallon of gasoline.

$x =$

$y =$

15. Each problem on the test is worth 5 points.

$x =$

$y =$

16. Every song you buy on i-Tunes is \$0.99.

$x =$

$y =$