Secondary Math I	Name	
© 2016 Kuta Software LLC. All rights reserv Unit 4 Test REVIEW - Functions		Dariad
	Date	Period
Evaluate each function.		
1) $p(a) = -2a + 3$; Find $p(-2)$ 2) <i>b</i>	$h(x) = x^2 + 4$; Find $h(7)$	

3)
$$g(a) = 2a - 2$$
; Find $g(-4)$
4) $k(x) = 4x + 5$; Find $k(10)$

5)
$$p(a) = -3a^2 - 4a$$
; Find $p(-1)$
6) $k(x) = 4x + 1$; Find $k(-5)$

7)
$$p(n) = 3n + 4$$
; Find $p(n - 3)$
8) $g(x) = -x - 5$; Find $g(x - 3)$

Perform the indicated operation.

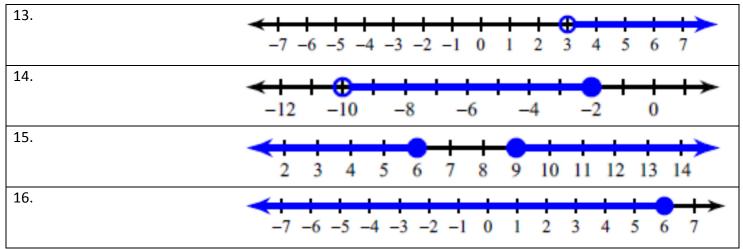
9)
$$f(n) = -3n + 3$$

 $g(n) = -n + 1$
Find $f(-1) + g(-1)$
10) $f(x) = 3x - 2$
 $g(x) = -4x + 1$
Find $f(x) + g(x)$

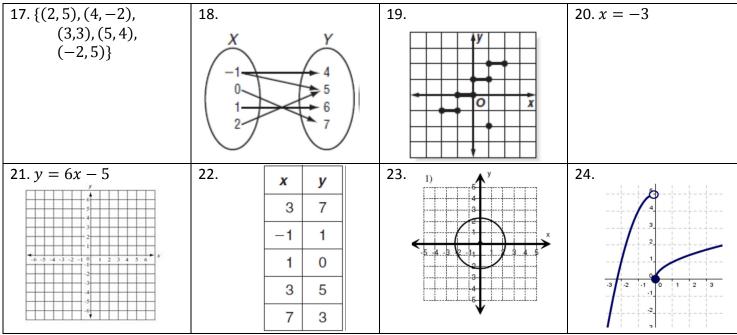
11)
$$g(x) = x^2 - 1$$

 $f(x) = 4x + 3$
Find $g(f(-3))$
12) $h(a) = 3a - 4$
 $g(a) = -2a - 1$
Find $h(g(a))$

Write the given inequality in interval notation.

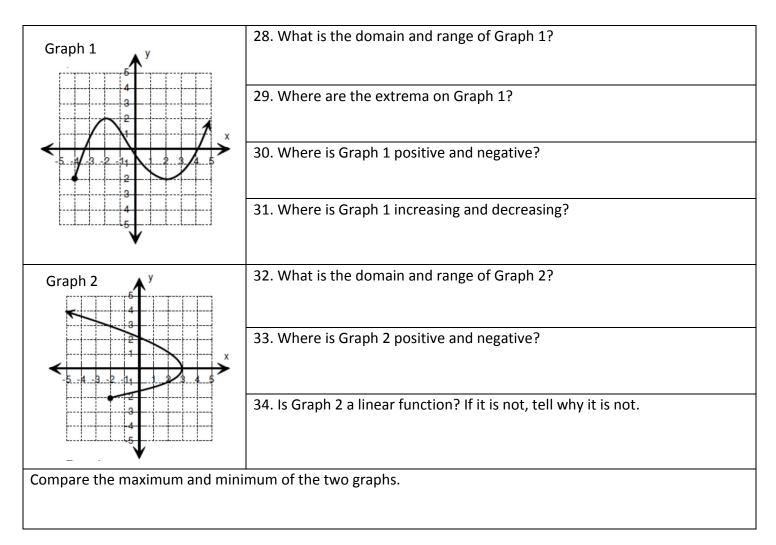


Determine if the given relation is a function.

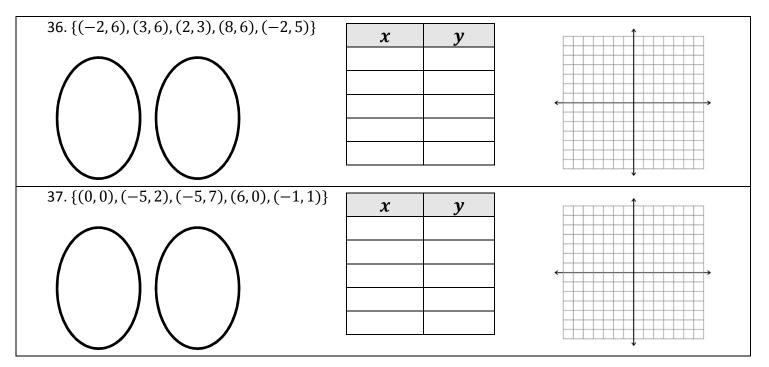


Determine the independent and dependent variable for each situation.

25. The more hours you study, the higher your score is on a test.
26. As it gets colder, it costs more to heat your home.
27. The further you drive, the more gas your car uses.



Show the relation as a mapping, a table, and a graph.



Draw a graph that could describe the given situation. Be sure to label your axes (ind. and dep. variable)

