

Domain and Range

© 2013 Kuta Software LLC. All rights reserved.

Date _____ Period _____

1) Define domain

2) Define range

State the domain and range of each function.

3) $y = -x^2 - 2x - 3$

4) $y = x^2 - 8x + 19$

5) $y = x^2 + 2x - 2$

6) $y = -(x - 3)^2 + 1$

$$7) y = (x + 2)^2 + 4$$

$$8) y = 2(x - 2)^2 - 4$$

$$9) y = 2x^2 + 16x + 30$$

$$10) y = -2x^2 + 12x - 20$$

$$11) y = x^2 - 8x + 13$$

$$12) y = -x^2 - 8x - 20$$

$$13) y = x^2 + 2x$$

$$14) y = 2x^2 - 4x + 3$$

$$15) y = 2(x - 2)^2 + 1$$

$$16) y = -2(x - 4)^2 + 2$$

$$17) y = -(x + 3)^2 - 3$$

$$18) y = -(x - 1)^2 - 4$$

$$19) y = -2(x + 3)^2 + 3$$

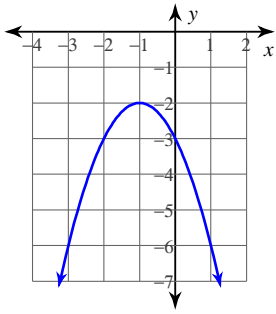
$$20) y = -2(x - 3)^2 - 4$$

Answers to Domain and Range (ID: 1)

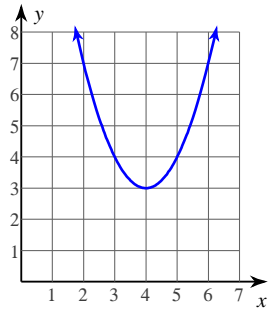
1) The dot next to the choice indicates that it is the answer.

2) The dot next to the choice indicates that it is the answer.

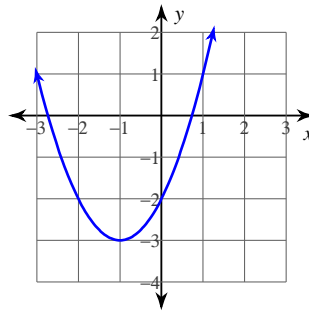
3)



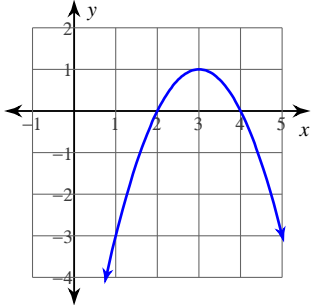
4)



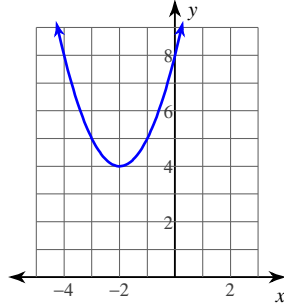
5)



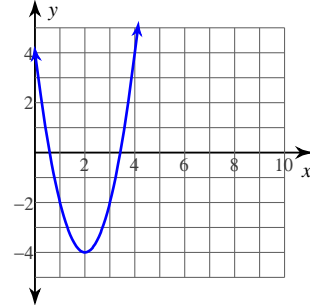
6)



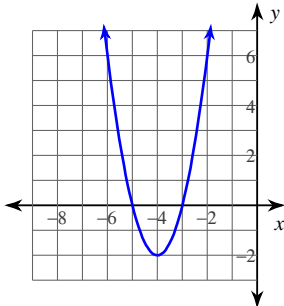
7)



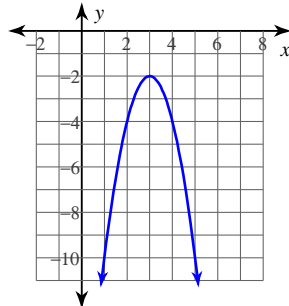
8)



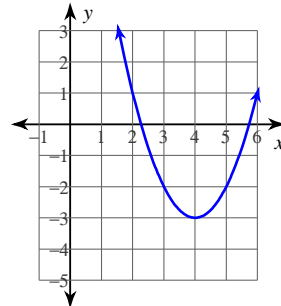
9)



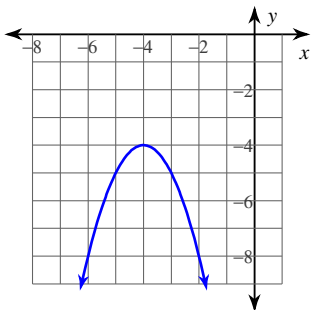
10)



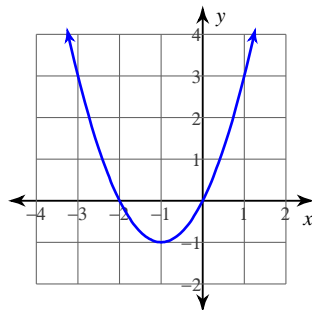
11)



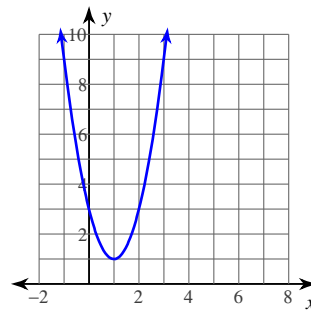
12)



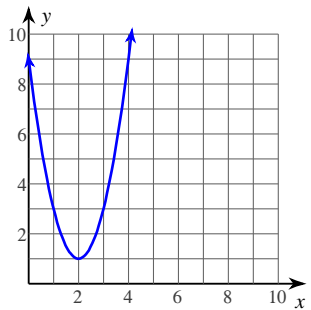
13)



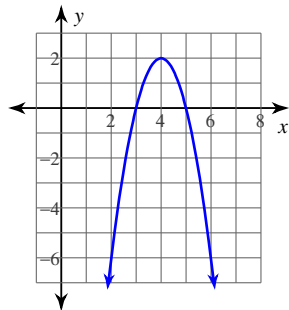
14)



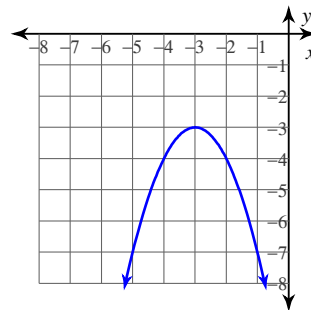
15)



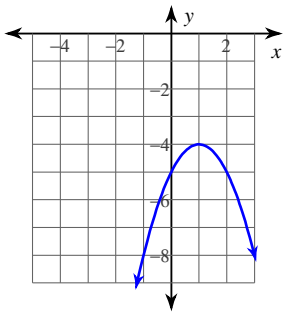
16)



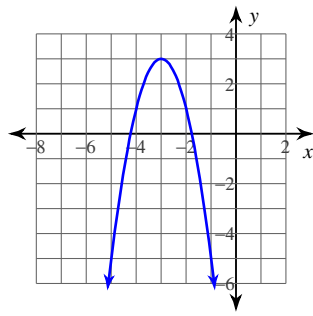
17)



18)



19)



20)

