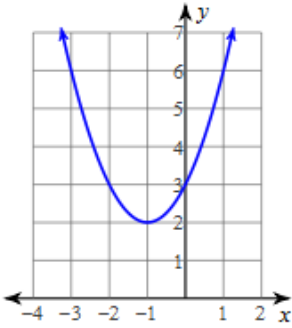


## 11-1 Graphing Quadratic Equations - Domain &amp; Range (ver2)\_hw

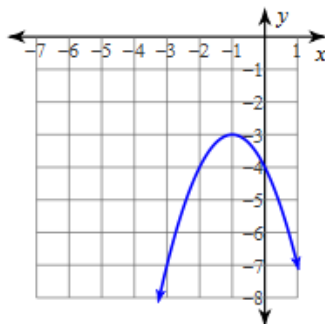
Period \_\_\_\_

State the domain and range of the following functions.

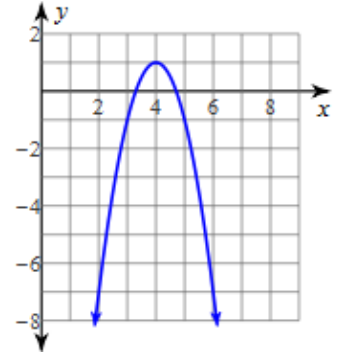
1)



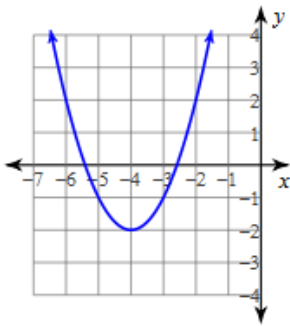
2)



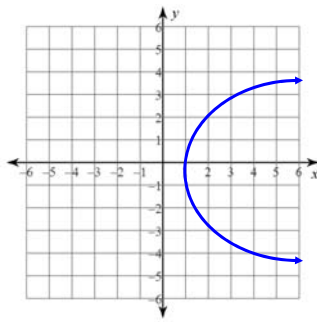
3)



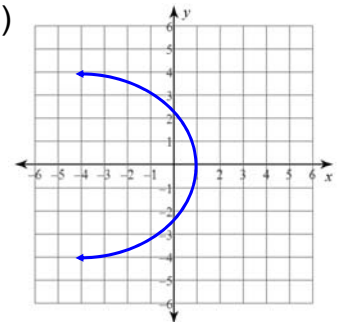
4)



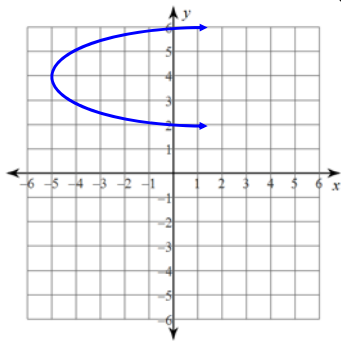
5)



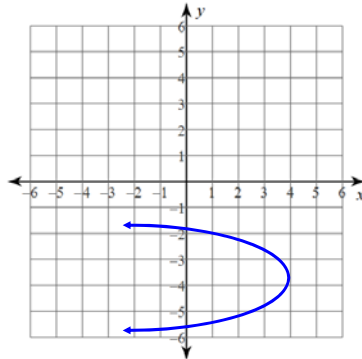
6)



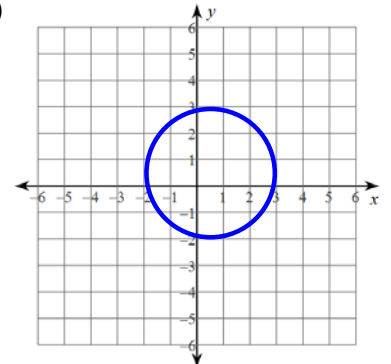
7)



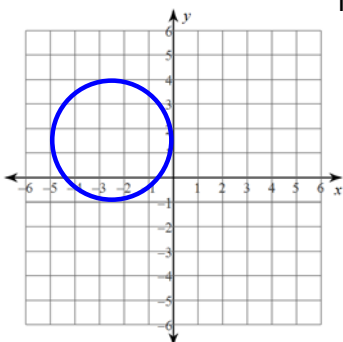
8)



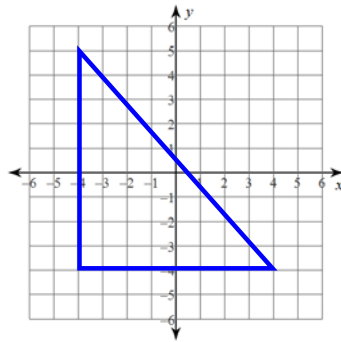
9)



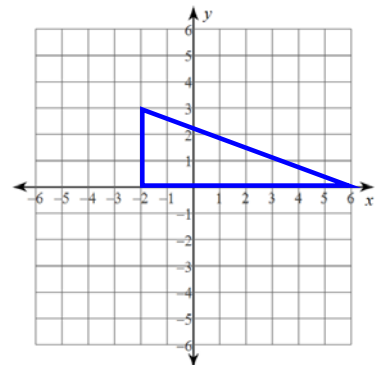
10)



11)



12)



## Answers to 11-1 Graphing Quadratic Equations - Domain & Range (ver2)\_hw

- 1) DOMAIN: all real numbers  
RANGE:  $y \geq 2$
- 2) DOMAIN: all real numbers  
RANGE:  $y \leq -3$
- 3) DOMAIN: all real numbers  
RANGE:  $y \leq 1$
- 4) DOMAIN: all real numbers  
RANGE:  $y \geq -2$
- 5) DOMAIN:  $x \geq 1$   
RANGE: all real numbers
- 6) DOMAIN:  $x \leq 1$   
RANGE: all real numbers
- 7) DOMAIN:  $x \geq -5$   
RANGE: all real numbers
- 8) DOMAIN:  $x \leq 4$   
RANGE: all real numbers
- 9) DOMAIN:  $-2 \leq x \leq 3$   
RANGE:  $-2 \leq y \leq 3$
- 10) DOMAIN:  $-5 \leq x \leq 0$   
RANGE:  $-1 \leq y \leq 4$
- 11) DOMAIN:  $-4 \leq x \leq 4$   
RANGE:  $-4 \leq y \leq 5$
- 12) DOMAIN:  $-2 \leq x \leq 6$   
RANGE:  $0 \leq y \leq 3$