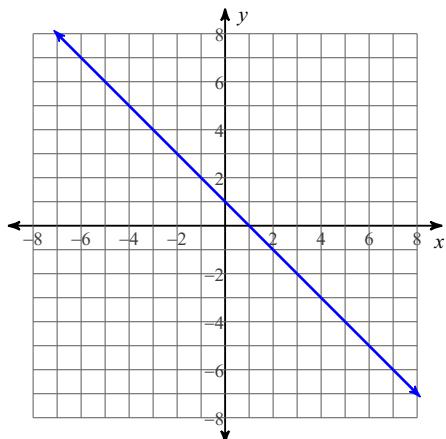


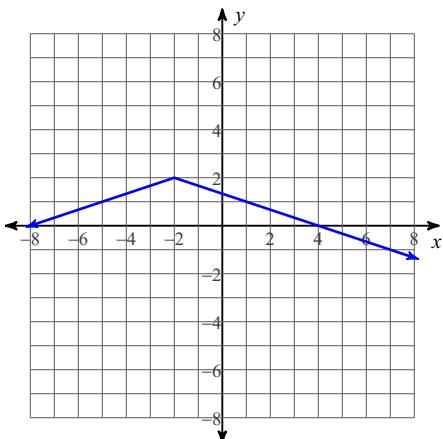
Continuous Relations

Each graph represents a relation. Determine if the relation is a function.

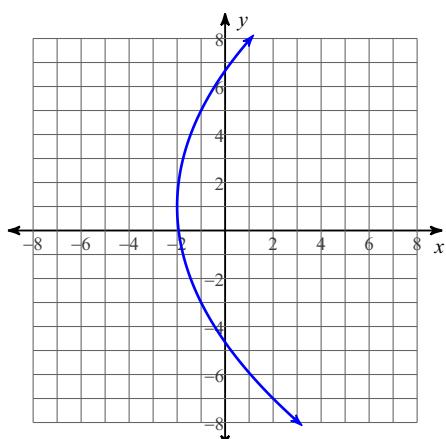
1)



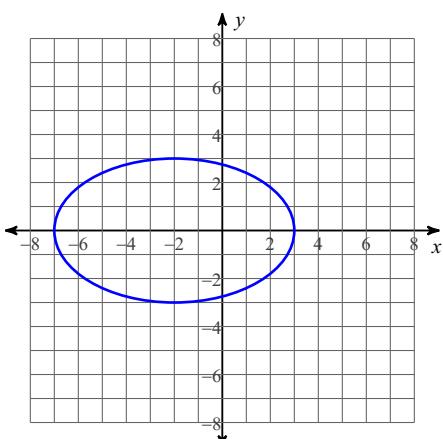
2)



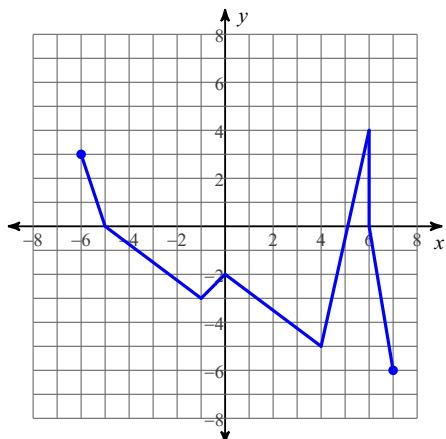
3)



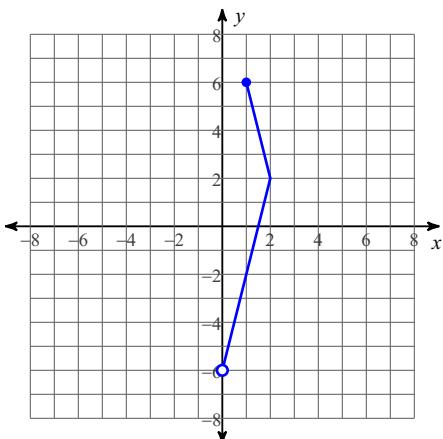
4)



5)

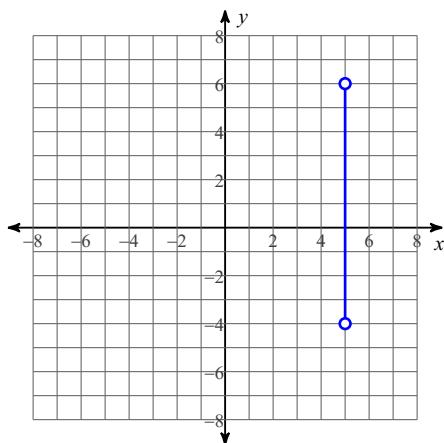


6)

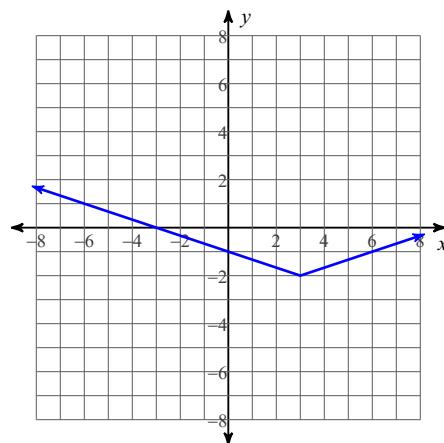


Each graph represents a relation. Determine if the relation is a function. Then find the domain and range.

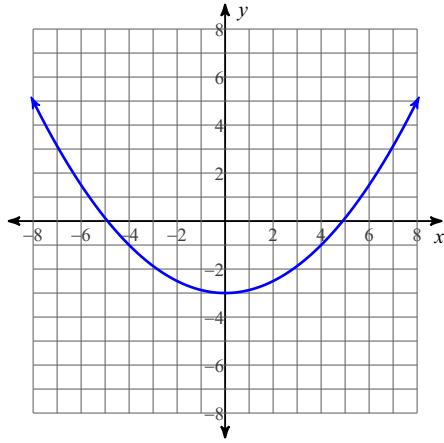
7)



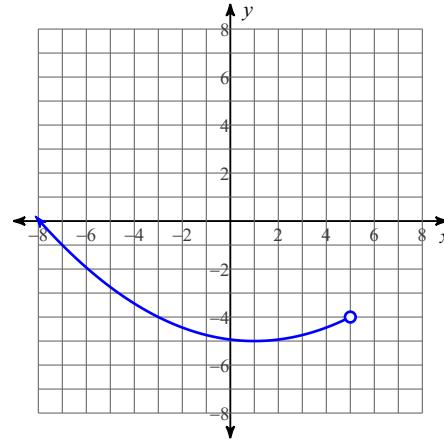
8)



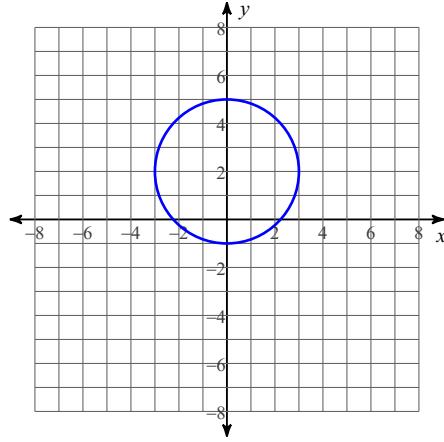
9)



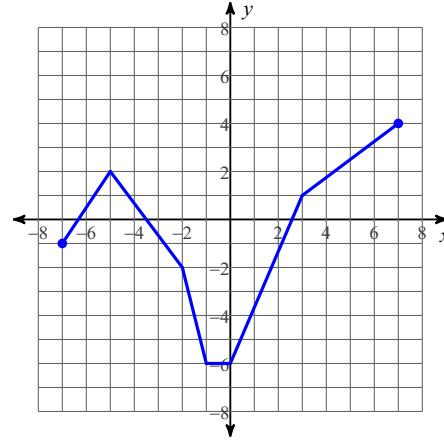
10)



11)



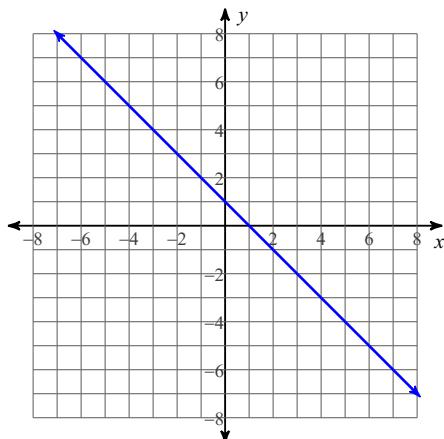
12)



Continuous Relations

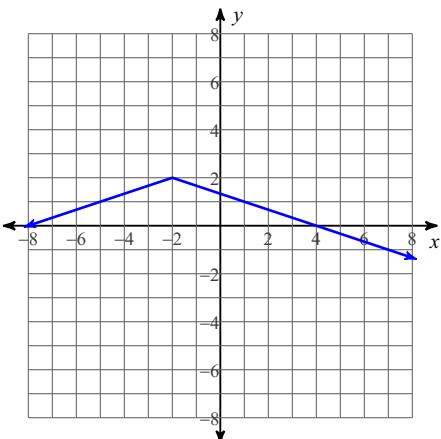
Each graph represents a relation. Determine if the relation is a function.

1)



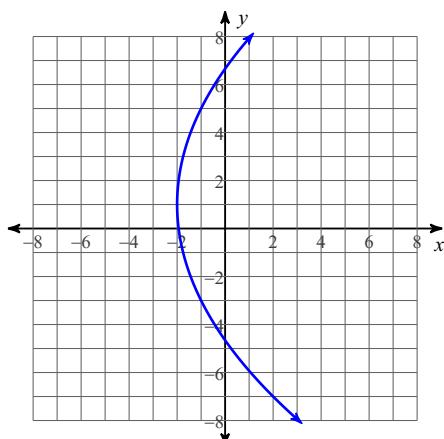
The relation is a function.

2)



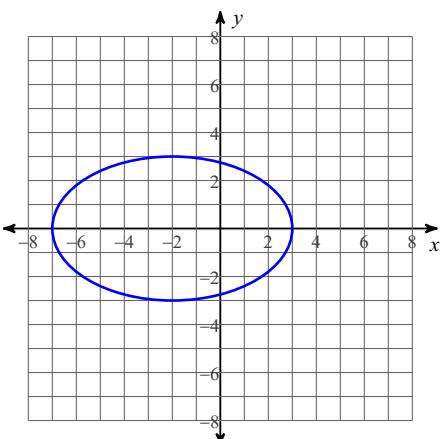
The relation is a function.

3)



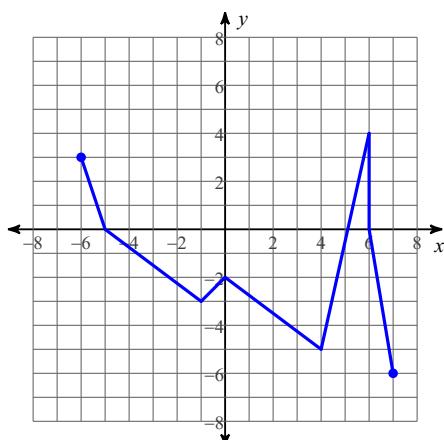
The relation is not a function.

4)



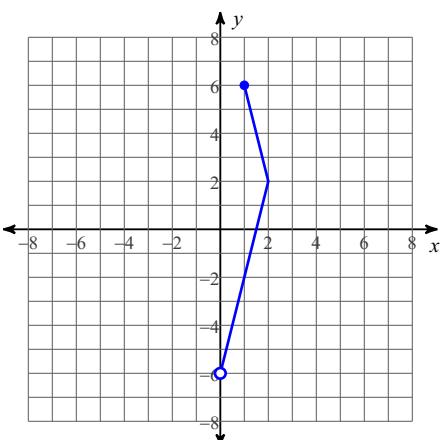
The relation is not a function.

5)



The relation is not a function.

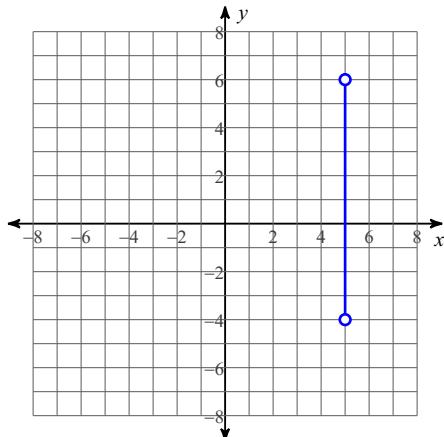
6)



The relation is not a function.

Each graph represents a relation. Determine if the relation is a function. Then find the domain and range.

7)

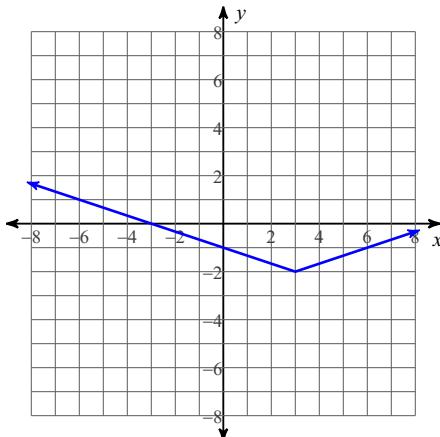


The relation is not a function.

Domain: $x = 5$

Range: $-4 < y < 6$

8)

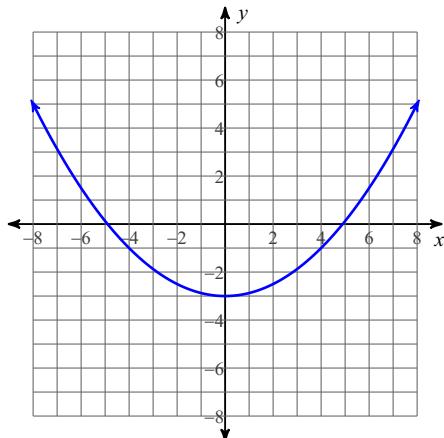


The relation is a function.

Domain: All real numbers

Range: $y \geq -2$

9)

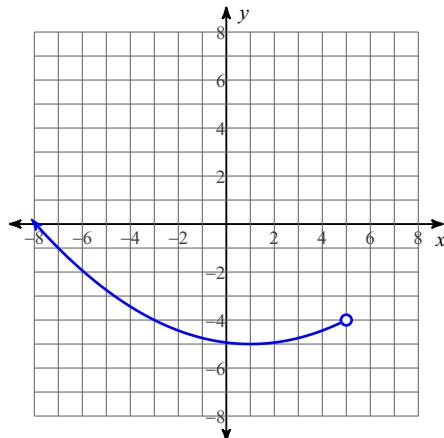


The relation is a function.

Domain: All real numbers

Range: $y \geq -3$

10)

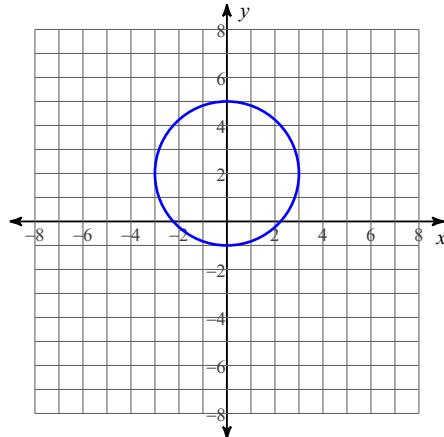


The relation is a function.

Domain: $x < 5$

Range: $y \geq -5$

11)

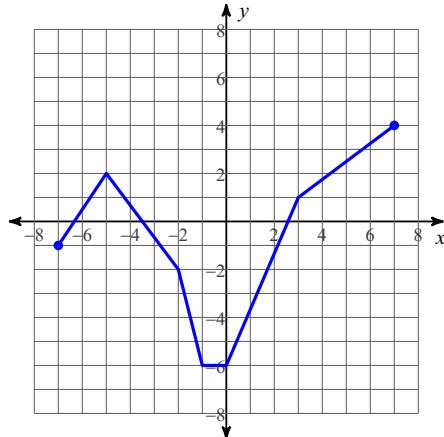


The relation is not a function.

Domain: $-3 \leq x \leq 3$

Range: $-1 \leq y \leq 5$

12)



The relation is a function.

Domain: $-7 \leq x \leq 7$

Range: $-6 \leq y \leq 4$