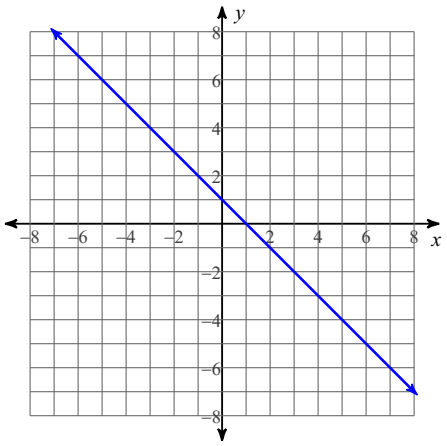
Candle Center - Infinite Algebra 2 Name_____

Continuous Relations

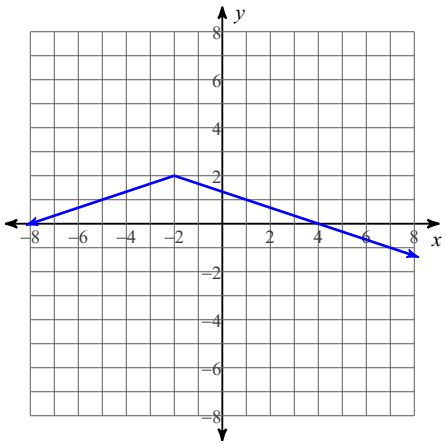
Date_____ Period____

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

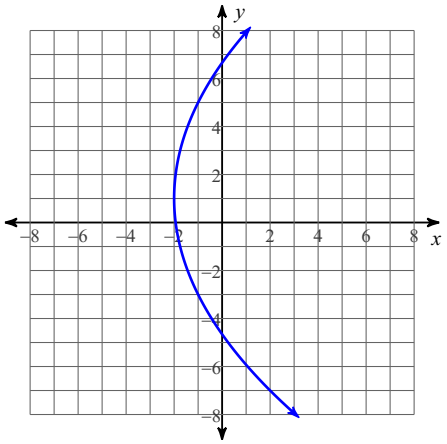
1)



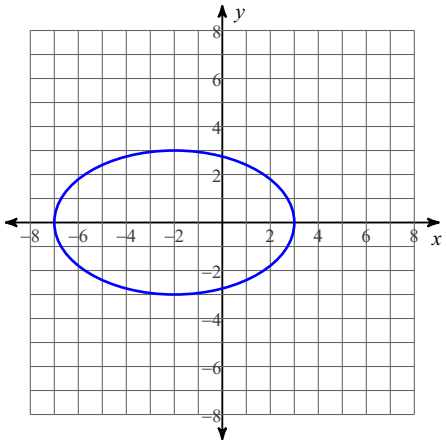
2)



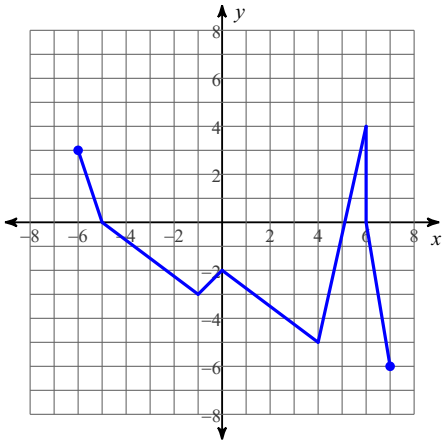
3)



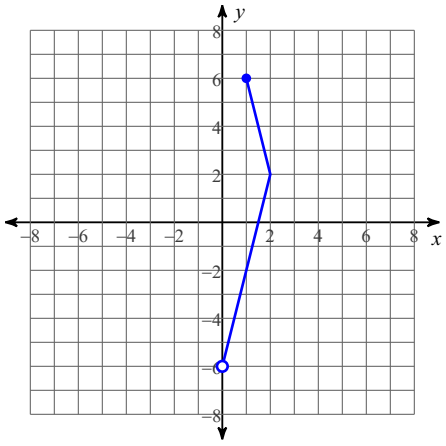
4)



5)



6)



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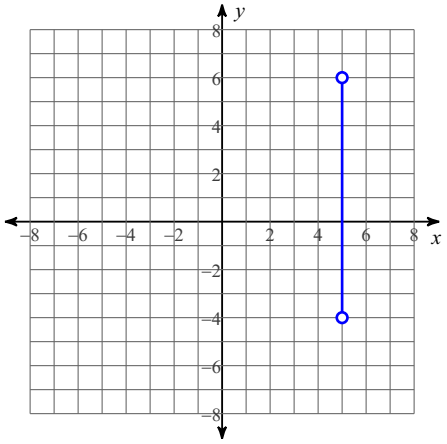
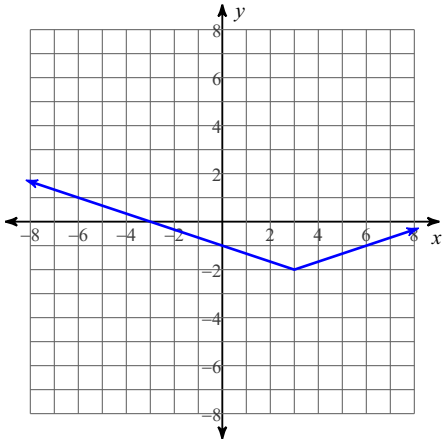
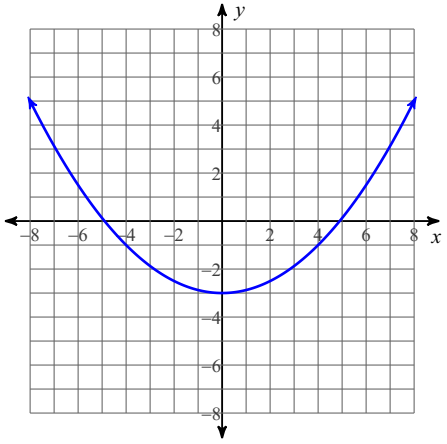
7)



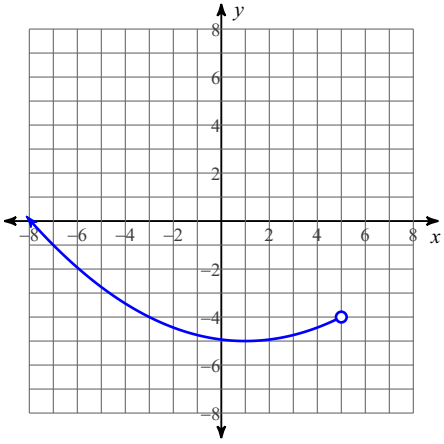
8)



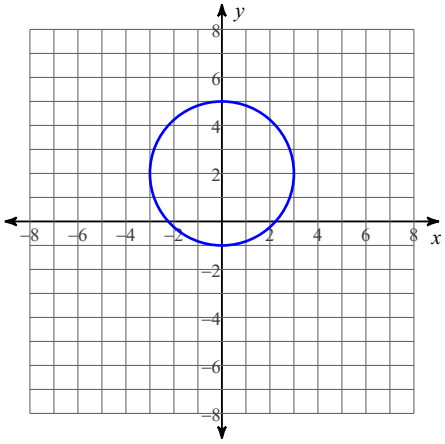
9)



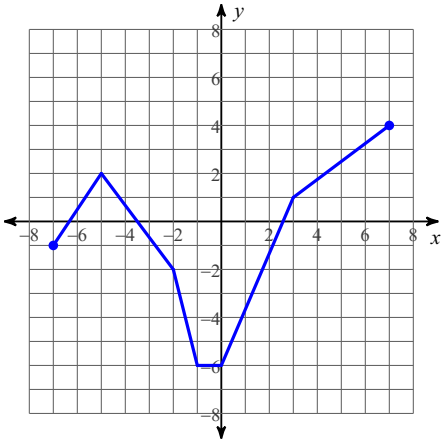
10)



11)



12)



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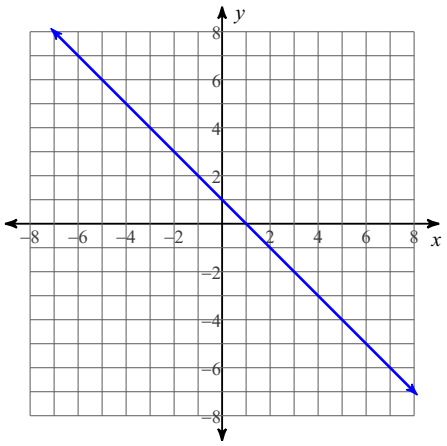

The relation is a function.

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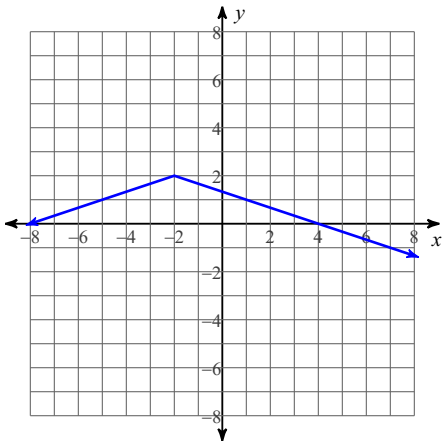

The relation is a function.

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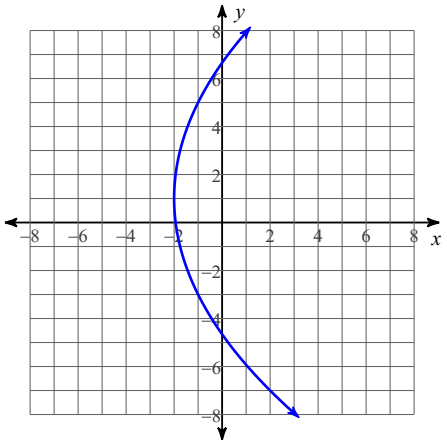

The relation is not a function.

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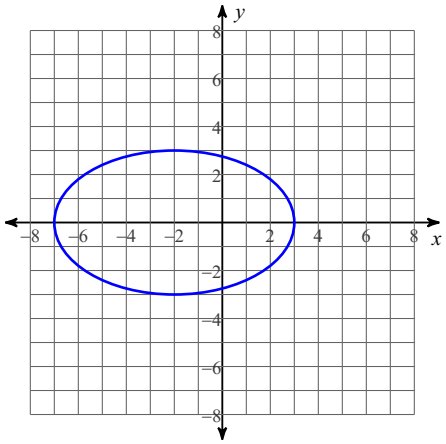

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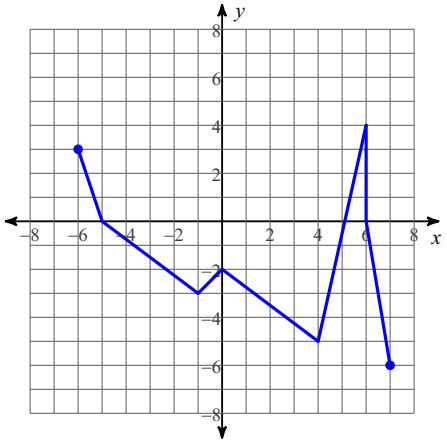

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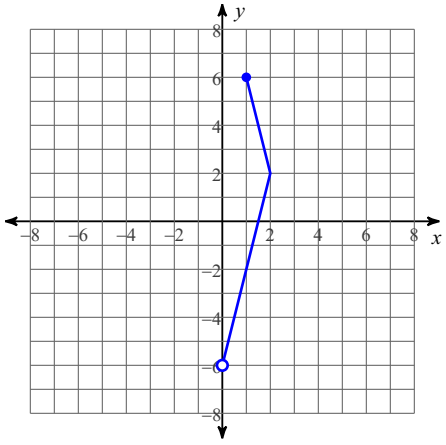

The relation is not a function.

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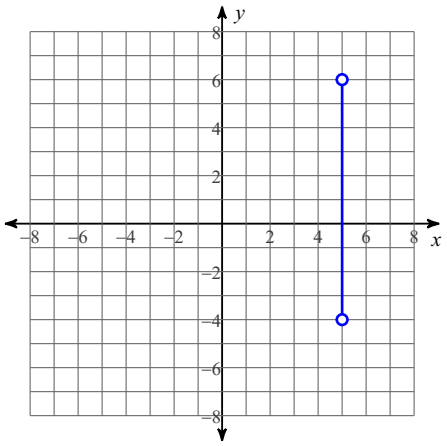
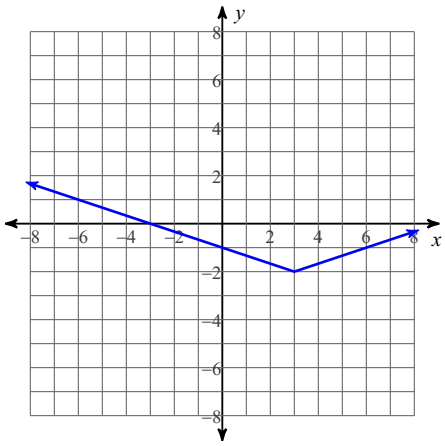


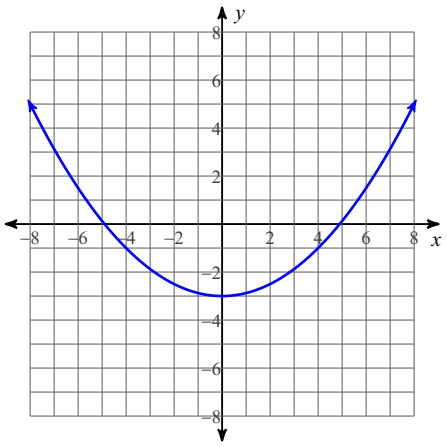
The relation is not a function.
Domain: $x = 5$
Range: $-4 < y < 6$

8)



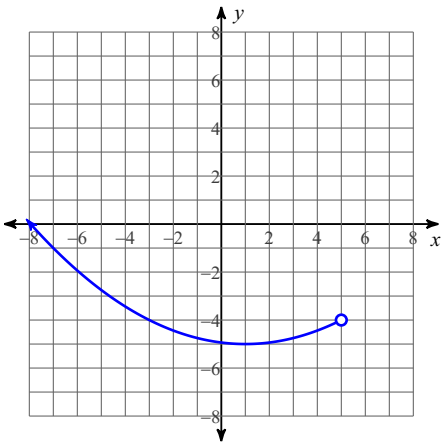
The relation is a function.
Domain: All real numbers
Range: $y \geq -2$

9)



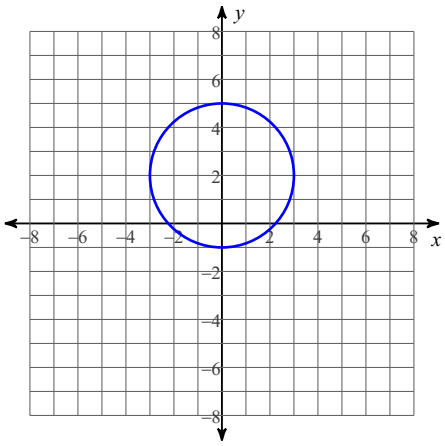
The relation is a function.
Domain: All real numbers
Range: $y \geq -3$

10)



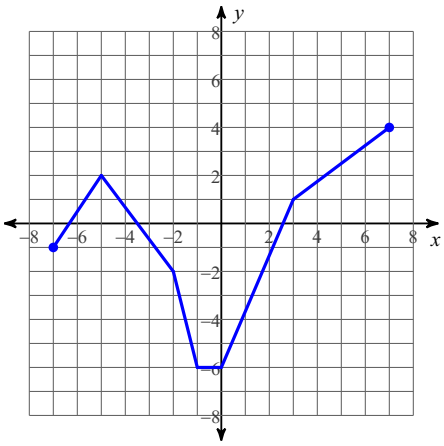
The relation is a function.
Domain: $x < 5$
Range: $y \geq -5$

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: $-6 \leq y \leq 4$