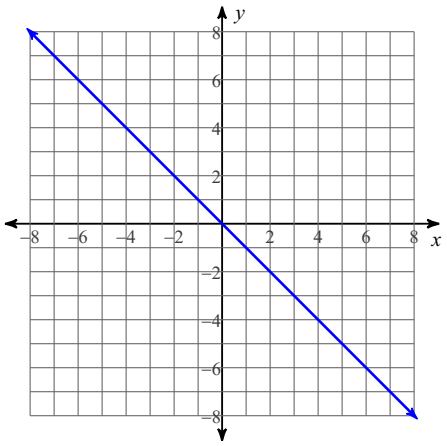
 Name_____

Continuous Relations

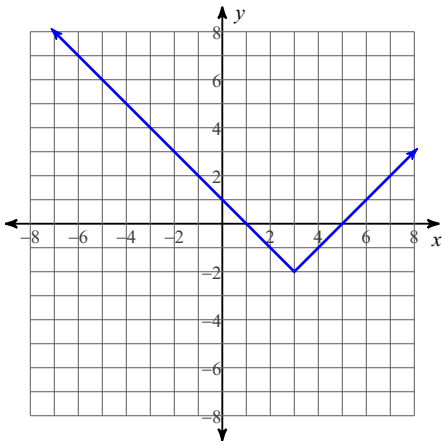
Date_____ Period____

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

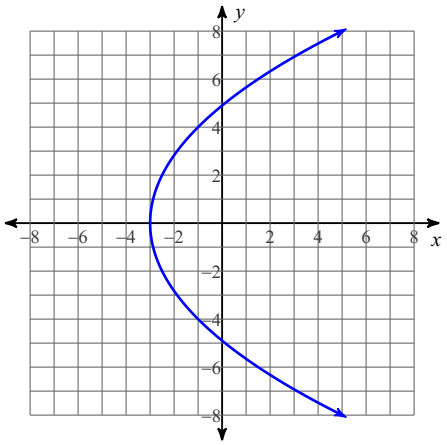
1)



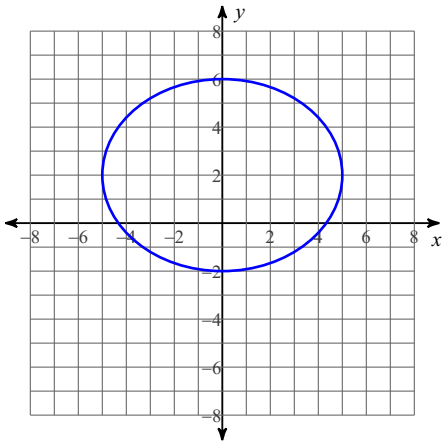
2)



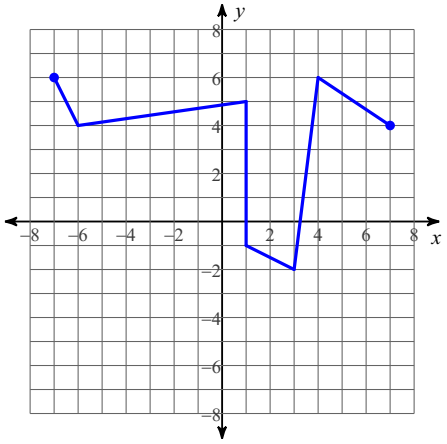
3)



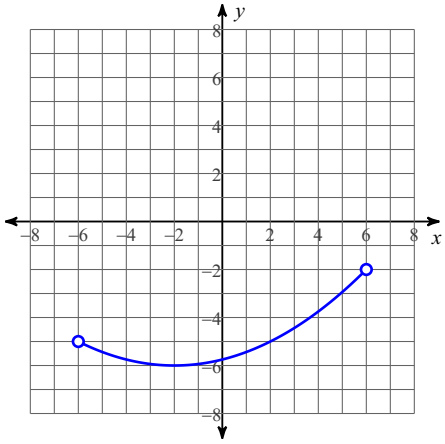
4)



5)



6)



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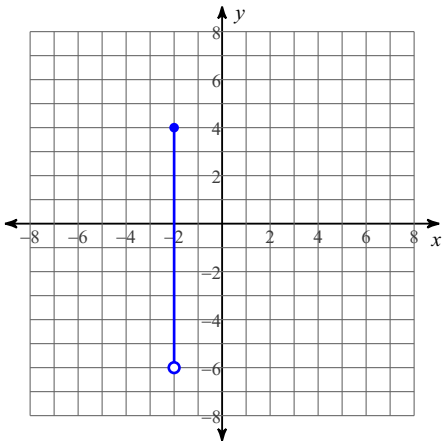
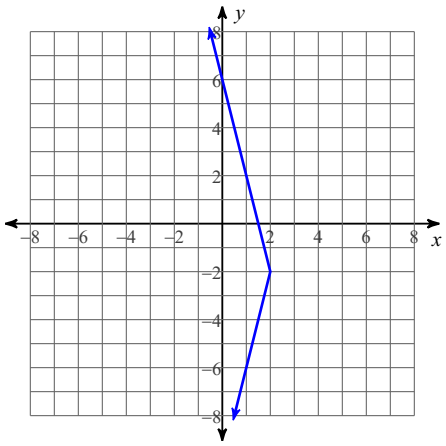
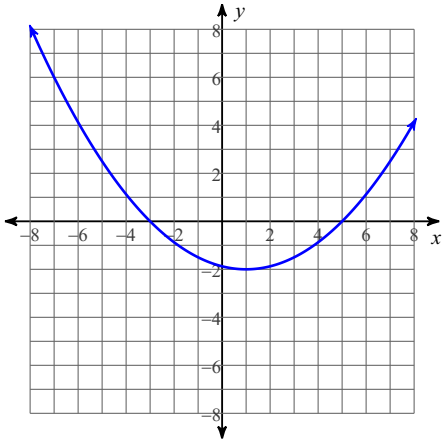
7)



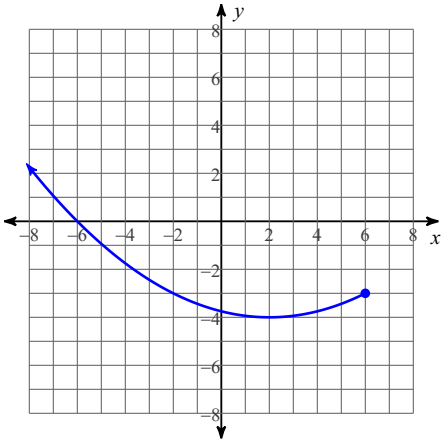
8)



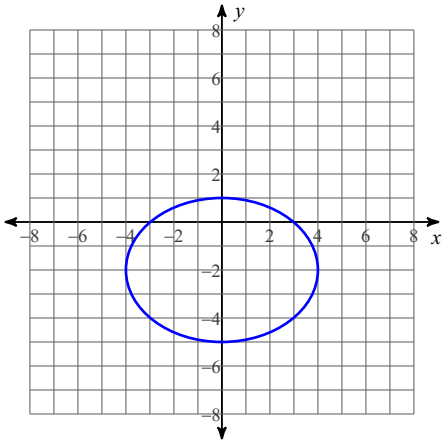
9)



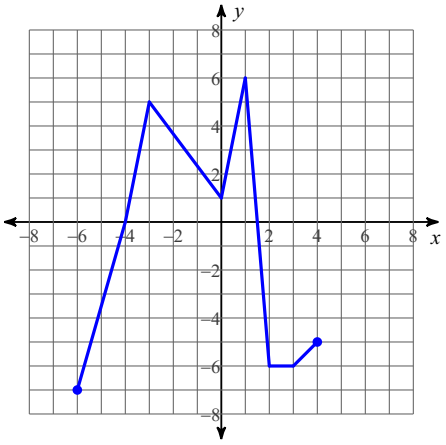
10)



11)



12)



Candle Center - Infinite Algebra 1 Name_____

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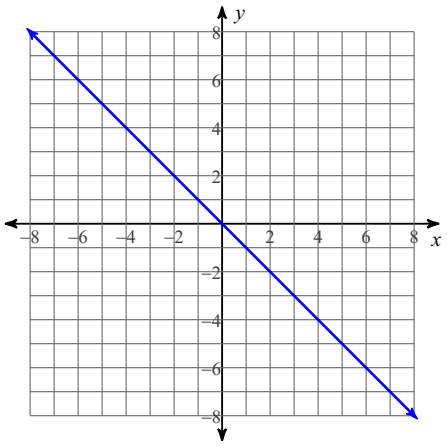

The relation is a function.

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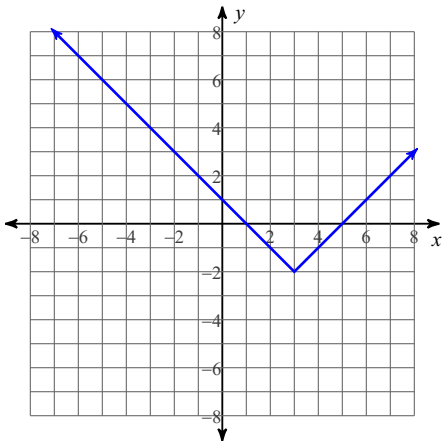

The relation is a function.

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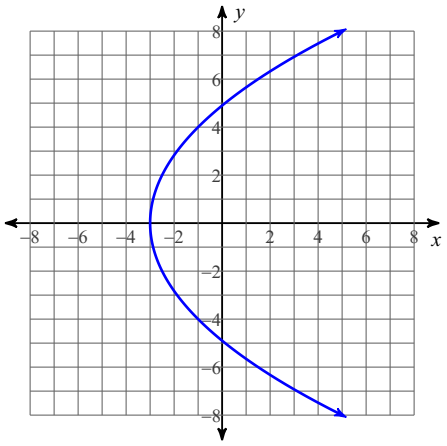
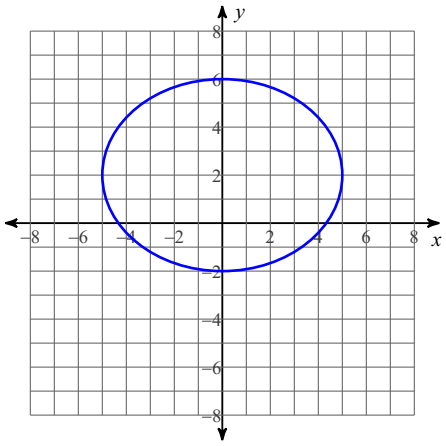


The relation is not a function.

4)



The relation is not a function.

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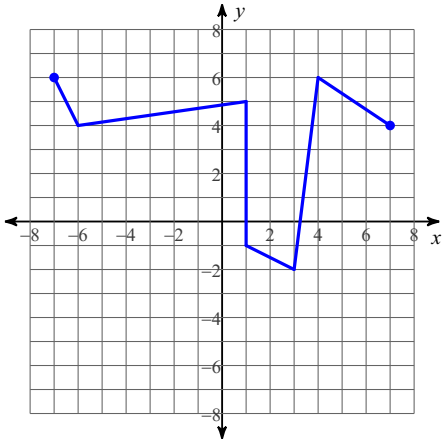

The relation is not a function.

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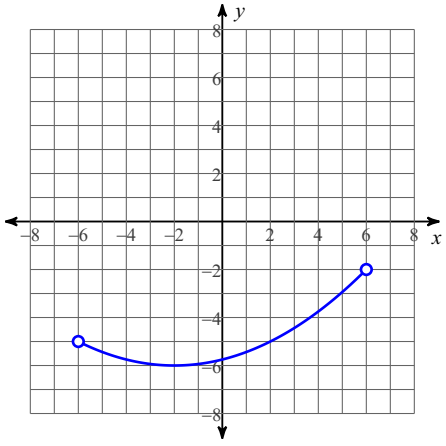

The relation is a function.

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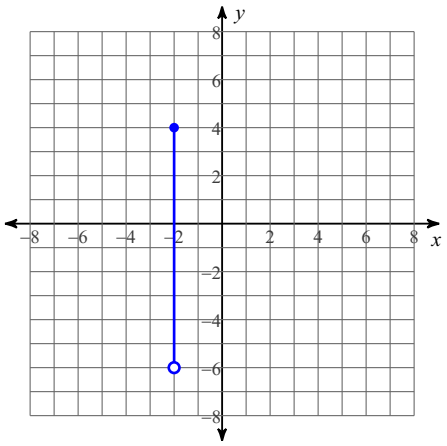
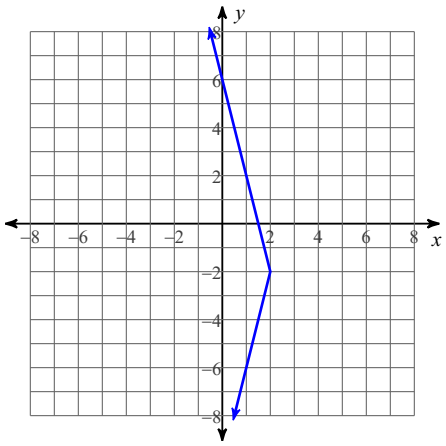


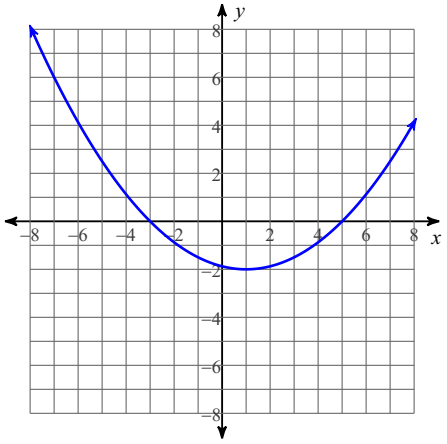
The relation is not a function.
Domain: $x = -2$
Range: $-6 < y \leq 4$

8)



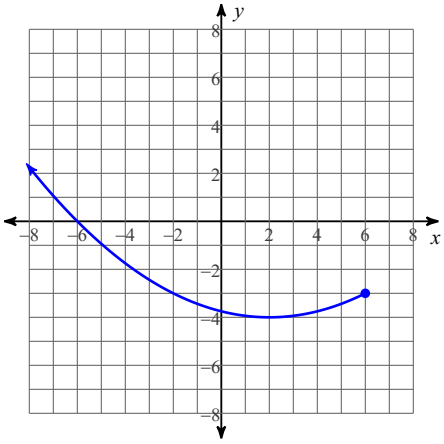
The relation is not a function.
Domain: $x \leq 2$
Range: All real numbers

9)



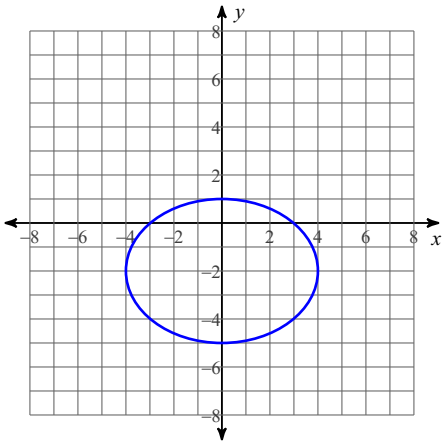
The relation is a function.
Domain: All real numbers
Range: $y \geq -2$

10)



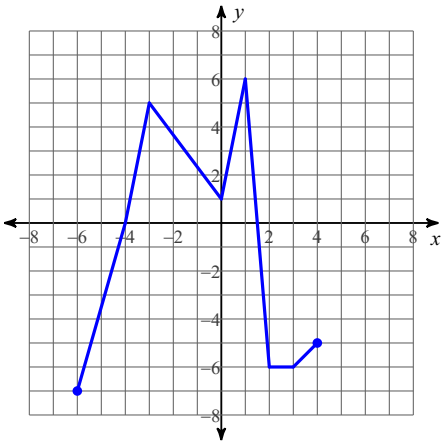
The relation is a function.
Domain: $x \leq 6$
Range: $y \geq -4$

11)



The relation is not a function.
Domain: $-4 \leq x \leq 4$
Range: $-5 \leq y \leq 1$

12)



The relation is a function.
Domain: $-6 \leq x \leq 4$
Range: $-7 \leq y \leq 6$