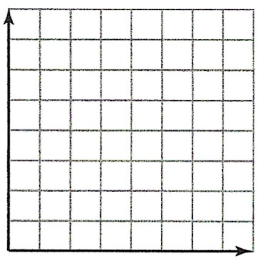
Name _____ Date _____

Chapter 9 Quiz

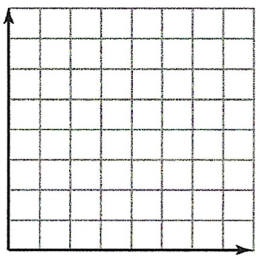
For use after Section 9.5

Graph the function.

1. $y = 3x + 1$

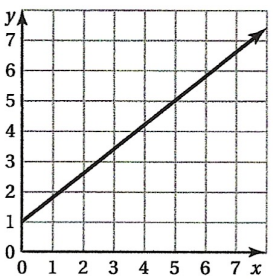


2. $y = 0.6x$

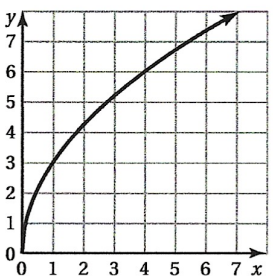


Does the graph represent a linear function? Explain.

3.



4.



Does the input-output table represent a linear function? Explain.

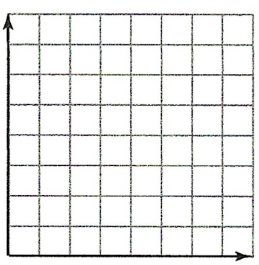
5.

Input, *x*	0	3	6	9
Output, *y*	1	4	7	10

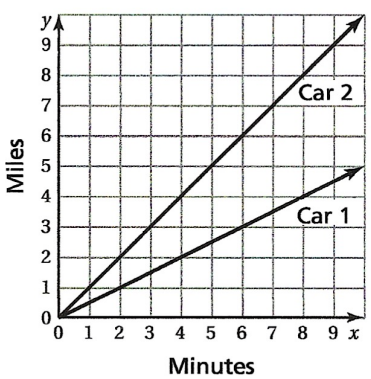
6.

Input, *x*	4	8	12	16
Output, *y*	2	4	8	16

7. The function $f = 0.8n$ represents the number of free throws f a basketball player makes in n attempts. Graph the function.



8. The graph shows how far two cars have driven after 10 minutes. Which car is driving faster? Explain.



Answers

1. See left.
2. See left.
3. _____
4. _____
5. _____
6. _____
7. See left.
8. _____

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