

ANSWER PRESENTATION TOOL

Algebra 1 - Student Edit

3

Quiz

1-16

ALL EVEN

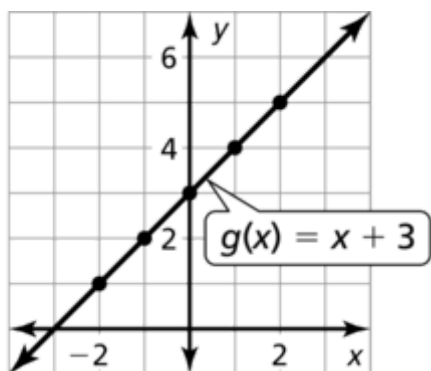
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ODD

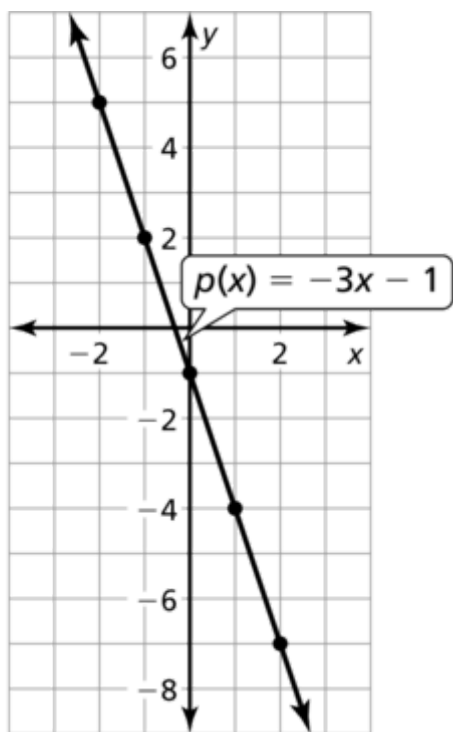
1. function; Each input has exactly one output.
2. not a function; The input -10 has two outputs, 2 and 6, and the input -8 has two outputs, 3 and 8.
3. domain: 0, 1, 2, 3, 4; range: $-5, -3, -1, 1$
4. domain: all real numbers; range: $y \leq 3$
5. domain: $-3 \leq x \leq 3$; range: $-1 \leq y \leq 3$
6. linear; The graph is a line.
7. nonlinear; As x increases by 5, y increases by different amounts. The rate of change is not constant.
8. nonlinear; It cannot be written in the form $y = mx + b$.
9. continuous; The depth can be any number of feet.
10. discrete; The number of hats must be a whole number.

11. $x = 5$

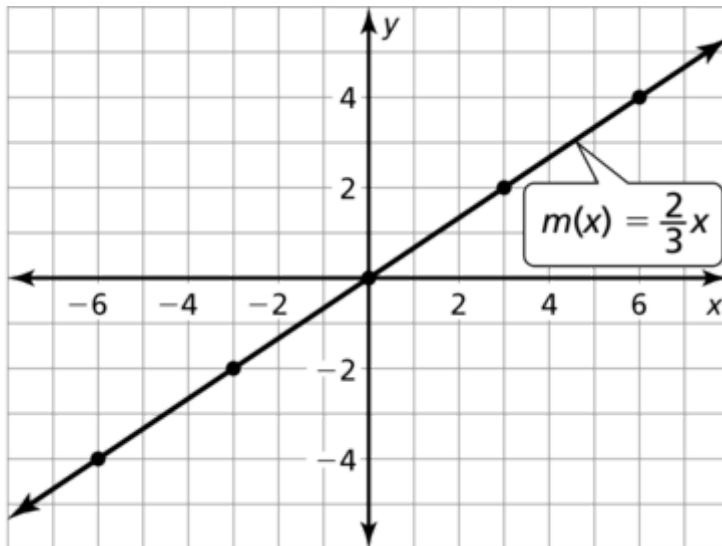
12.



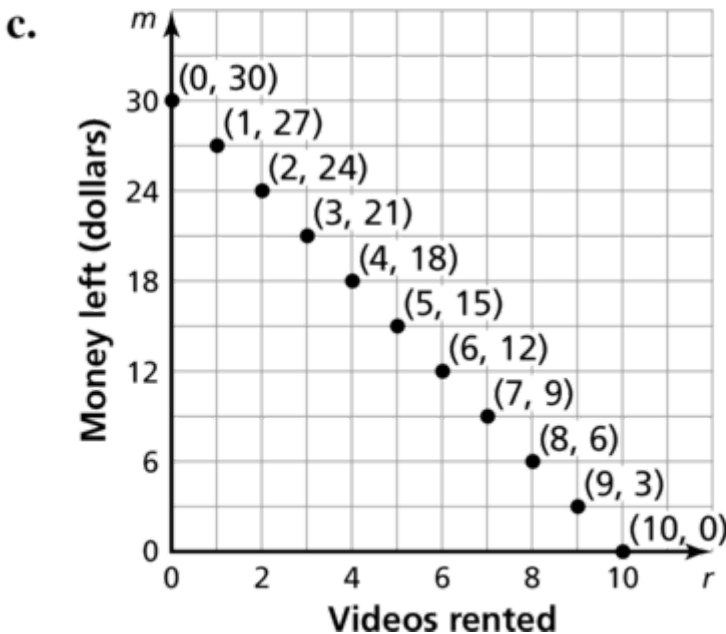
13.



14.



15. a. m is the dependent variable and r is the independent variable.
- b. domain: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10; range: 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30; discrete; The number of video games rented must be a whole number.



16. a. 495 mi
- b. 12.5 h