

ANSWER PRESENTATION TOOL

Algebra 1 - Student Edit

3

2 - Exercises

4-24 even, ;

ALL EVEN

Show Solu

ODD

4. A graph with a discrete domain will consist of individual points, a graph with a continuous domain will show a line or curve.

6. linear; The graph is a line.

8. linear; The graph is a line.

10. nonlinear; The graph is not a line.

12. nonlinear; As x increases by 2, y increases by different amounts. The rate of change is not constant.

14. linear; As x increases by 1, y decreases by 15. The rate of change is constant.

16. A vertical line is not a function; The graph is a vertical line. So, the graph does not represent a function.

18. linear; It can be rewritten as $y = -3x + 7$.

20. nonlinear; It cannot be rewritten in the form $y = mx + b$.

22. linear; It can be rewritten as $y = \frac{9}{5}x + 0$.

24. nonlinear; It cannot be rewritten in the form $y = mx + b$.

27. 2, 4, 6; discrete; The graph consists of individual points.

28. $0 \leq x \leq 7$; continuous; The graph is a line segment.

30. continuous; The number of years can be any value greater than or equal to 0.

32. discrete; The number of relay teams must be a whole number.

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