

# ANSWER PRESENTATION TOOL

Algebra 1 - Student Edit

3

5 - Exercises

1-4,6,8,10,1

ALL EVEN

Show Sol

ODD

1. slope

2. a linear function of the form  $y = b$ ; 0

3.  $y = mx + b$ ; The equation gives the slope  $m$  and the  $y$ -intercept  $b$ .

4.  $2x - y = 8$ ; It is in standard form, not slope-intercept form.

6. positive;  $\frac{4}{3}$

8. negative;  $-\frac{4}{5}$

10. 0

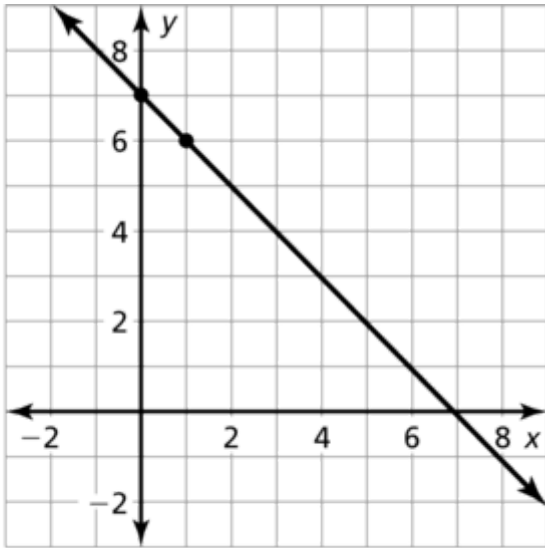
12.  $-7$

13.  $m = 60$ ; The bus is traveling at a speed of 60 miles per hour.

17. slope: 6;  $y$ -intercept: 0

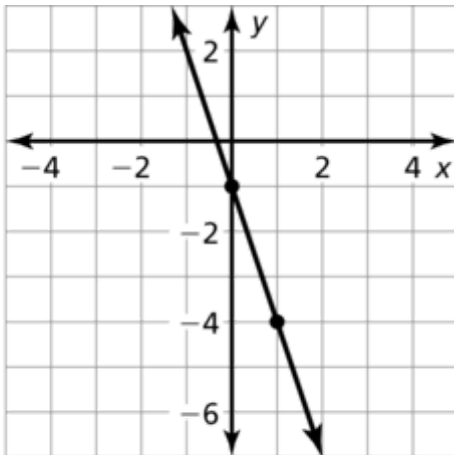
21. slope: 5; y-intercept: 8

25.



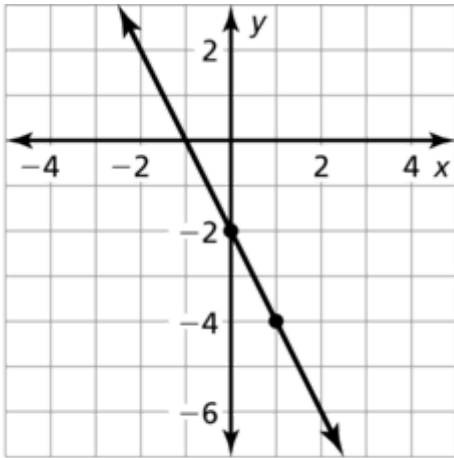
x-intercept: 7

29.



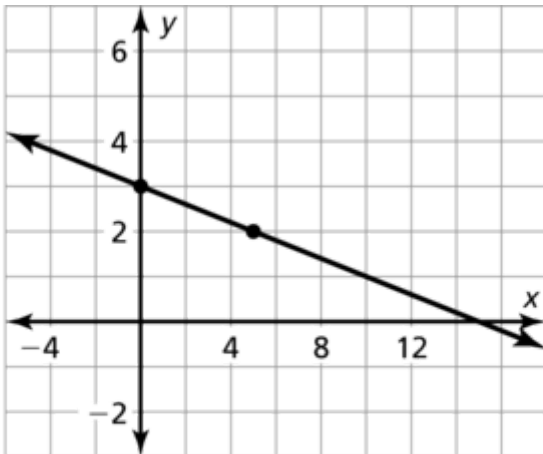
x-intercept:  $-\frac{1}{3}$

33.



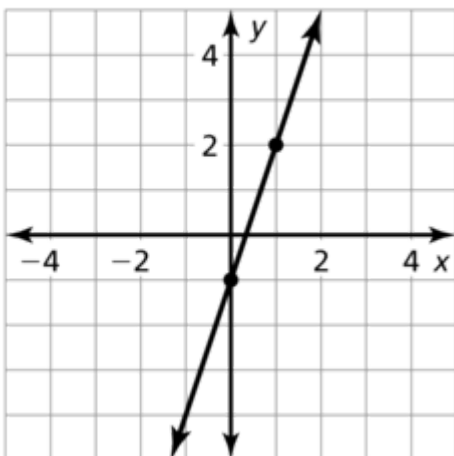
slope:  $-2$ ;  $y$ -intercept:  $-2$ ;  $x$ -intercept:  $-1$

34.



slope:  $-\frac{1}{5}$ ;  $y$ -intercept:  $3$ ;  $x$ -intercept:  $15$

40. The slope is 3, but the graph shows a slope of  $\frac{1}{3}$ .



- 45.**
- a.**  $y = \frac{1}{3}x + 5$
  - b.**  $y = \frac{7}{4}x - \frac{1}{4}; y = 2x - 4$
  - c.**  $y = -3x + 8$
  - d.**  $y = -4x - 9; y = -x - \frac{4}{3}$