

ANSWER PRESENTATION TOOL

Algebra 1 - Student Edit

4

1 - Exercises

4-28 even, ;

ALL EVEN

Show Solu

ODD

$$4. y = 5$$

$$6. y = -7x + 1$$

$$8. y = -\frac{3}{4}x - 6$$

$$10. y = -\frac{1}{4}x + 3$$

$$12. y = 2x - 2$$

$$14. y = 6x - 5$$

$$16. y = -4x - 24$$

$$18. y = \frac{1}{10}x + 3$$

$$20. f(x) = -2x + 7$$

$$22. f(x) = \frac{4}{5}x - 5$$

24. $f(x) = 3$

26. $f(x) = \frac{1}{2}x$

28. The x -coordinates and y -coordinates were not substituted in the same order in the slope formula; $slope = \frac{1 - 4}{5 - 0} = -\frac{3}{5}$;

$$y = -\frac{3}{5}x + 4$$

29. a. $y = -0.005t + 3.91$

b. 3.71 min; 3.61 min

30. a. $C = 75t + 50$

b. software program; *Sample answer:* The total cost for 12 hours of recording time is \$950, which is more than the cost of the software program.

33. $y = -\frac{A}{B}x + \frac{C}{B}$; slope is $\frac{6}{5}$; y -intercept is $\frac{9}{5}$

36. a. *Sample answer:* about 0.22; 8

b. *Sample answer:* The approximate U.S. box office revenue increased by about \$0.22 billion each year from 2000 to 2012 and was \$8 billion in 2000.

c. Write a linear model in slope-intercept form, then substitute 18 for x and solve for y .