

ANSWER PRESENTATION TOOL

Algebra 1 - Student Edit

4

3 - Exercises

4-28 even

ALL EVEN

Show Solu

ODD

4. lines b and c ; They have the same slope.

6. none; None of the lines have the same slope.

8. lines a and b ; They have the same slope.

10. $y = -5x + 7$

12. $y = \frac{3}{2}x - 8$

14. Lines a and b are parallel; None are perpendicular; Lines a and b have the same slope and none of the lines have slopes that are negative reciprocals of each other.

16. Lines a and b are parallel; None are perpendicular; Lines a and b have the same slope and none of the lines have slopes that are negative reciprocals of each other.

18. None are parallel; Lines a and b are perpendicular; None of the lines have the same slope and the slope of line a is the negative reciprocal of the slope of line b .

$$20. y = -\frac{3}{4}x - 4$$

$$22. y = \frac{1}{2}x - 3$$

$$24. \text{ a. } y = 3x - 11$$

$$\text{ b. } y = -\frac{1}{3}x - 1$$

26. Perpendicular lines have negative reciprocal slopes, not just reciprocal slopes; $y - (-5) = -3(x - 4)$; $y + 5 = -3x + 12$; $y = -3x + 7$

$$28. y = \frac{4}{3}x - \frac{1}{3}$$