

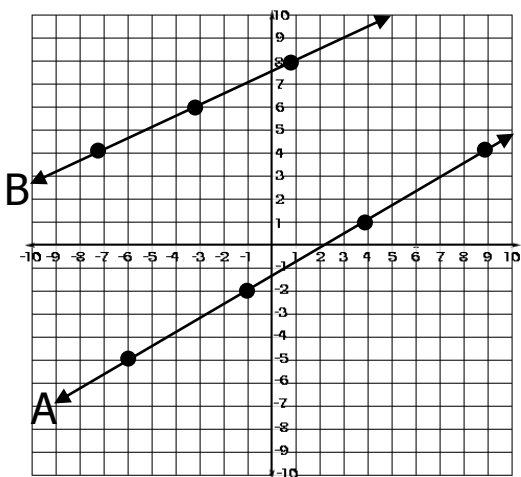
PARALLEL LINES



NAME _____ PERIOD _____

Find the slope of lines A and B. Determine whether the graphs are parallel.

1.

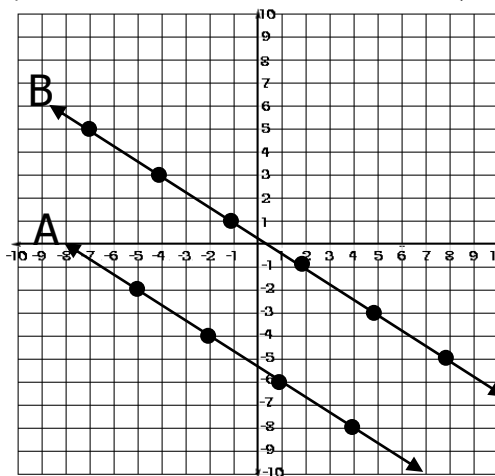


SLOPE OF LINE A _____

SLOPE OF LINE B _____

PARALLEL, PERPENDICULAR OR NEITHER

2.



SLOPE OF LINE A _____

SLOPE OF LINE B _____

PARALLEL, PERPENDICULAR, OR NEITHER

3. Write four linear equations that are parallel to the line: $y = \frac{2}{3}x - 8$

Find and circle the slopes of the following equations. Tell whether the lines will be parallel.

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

5. $y = 5x + 6$

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

7. $y = -4x + 3$

$3x + 4y = 12$

$10x - 2y = 8$

$3x + 2y = 20$

$12x - 3y = 15$

8. Write the equation of a line that is parallel to the line $y = \frac{3}{4}x + 6$, through point $(8, -3)$.