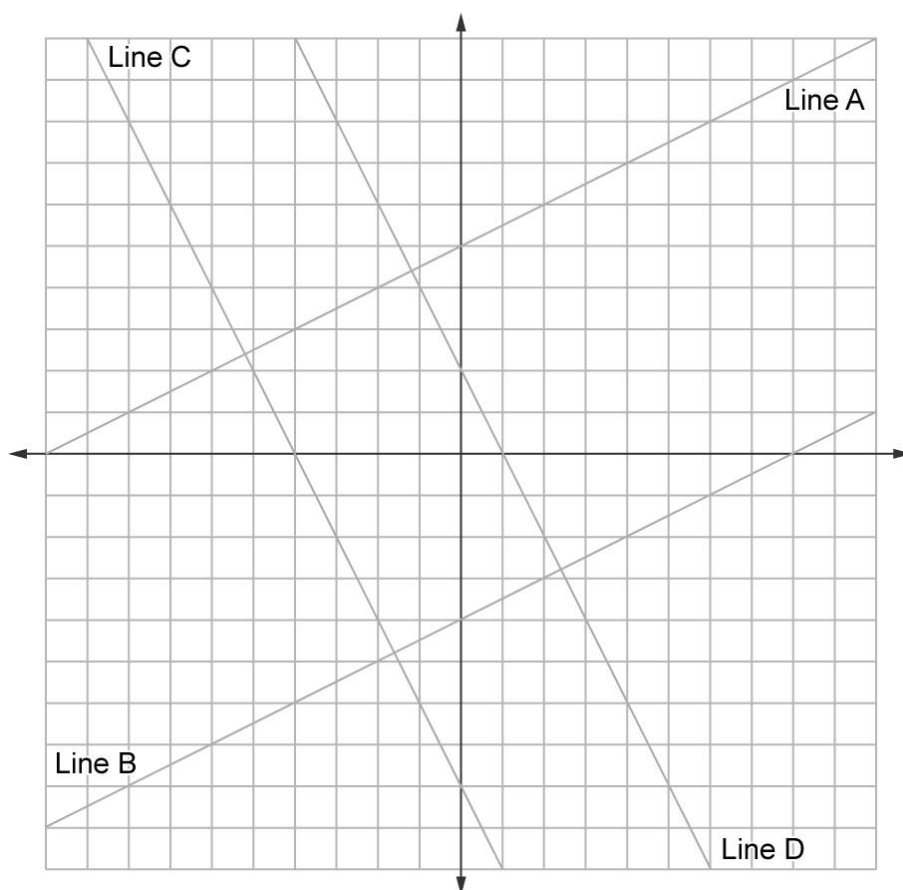


Lesson 3: Are You Ready?

1. Complete the following sentences.
 - a. Two lines are parallel if . . .
 - b. Two lines are perpendicular if . . .
2. Use the graph to answer the questions that follow.



- a. Identify the lines that are parallel.
- b. Identify the lines that are perpendicular.

3. Identify the slope and the y -intercept of the linear function represented by each equation. **Hint – two ways, use the formulas for general form or convert these to slope intercept form.
- a. $5x - 2y + 10 = 0$
- b. $3x + 4y - 12 = 0$
4. Determine the equation of the linear function in slope-intercept form for each set of clues.
- a. slope $= \frac{1}{2}$ and passes through the point $(4, 1)$
- b. passes through the points $(6, 0)$ and $(-3, 6)$