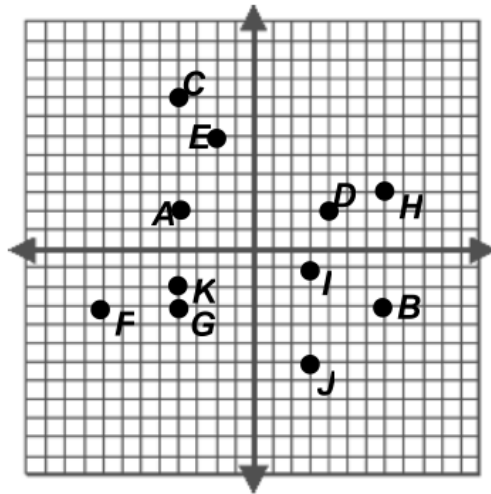


Preview of 3.6 and 3.7

Use the graph below to answer questions #1-9.



1. Which letter reflects A over the y-axis?	2. Which letter translates F four units to the right?	3. Which letter translates I five units down?	4. Which letter translates D one unit to the left and 3 units down?
5. Which letter reflects H over the x-axis?	6. Which letter translates C two units to the right and two units down?	7. Explain how J translates to B .	8. Explain how E translates to I .

9. Reflect **J** over the x-axis. Label the point J' .

Make a table of values for line 1 and line 2. Explain, in a full sentence, how the y value changes from line 1 to line 2.

10. Line 1: $y = x$ Line2: $y = 3x$	11. Line1: $y = x$ Line2: $y = \frac{1}{4}x$
Explain:	Explain

12. Line 1: $y = x$ Line2: $y = x + 5$	13. Line 1: $y = x$ Line2: $y = -x$
Explain:	Explain:

Solve the absolute value problems.

14. $ x + 3 = 11$	15. $ 2x - 1 = 15$
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