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| 1. Write the equation of a line that has a slope of -½ and passes through the point (4,0).
 | 1. Calculate the x and y intercept of the line

**4x – 7y = 28** |
| 1. Write the equation of a line that is perpendicular to the line below.

 y  (4, 3) ( 2, 2) x | 1. Write the equation of a line that is parallel to the line below.

 y  (8, 6) ( 3, 4) x |
| 1. Calculate the slope and y intercept of the line

**5x + 4y = 12** | 1. Write the equation of a line that is parallel to the line **y = -1/3x + 2** and that passes through the point (3, 4).
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| 1. Write the equation of a line that is perpendicular to the line **y = -1/3x + 2** and that passes through the point (3, 4).
 | 1. If Line A passes through the points (-2, 4) and (5, k), and is parallel to the graph of **y = 3x + 4**, what is the value of k?
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| 1. Write the equation of a line that is parallel to the graph of **y = 4**
 | 1. Write the equation of a line that is perpendicular to the graph of **x = 3**
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| 1. Is the point (12, 21) on the line **2x + 3y = 85**? Explain your answer.
 | 1. Graph a line that is parallel to the line **2x + 7y = 14.**
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