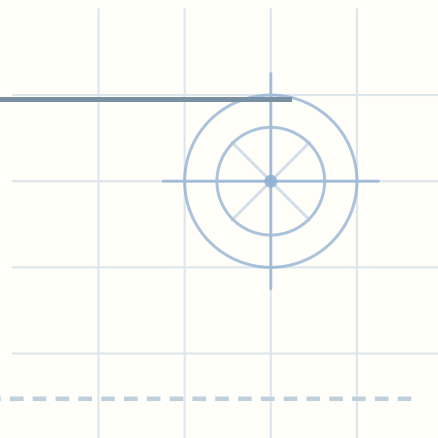


Write the equation of a line — From two points

Name: _____

Date: _____



Write the equation of each line through the two points.

1 through (2, 3) and (4, 5) $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$

2 through (-1, -2) and (2, -11) $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$

3 through (-3, -2) and (-1, -6) $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$

4 through (-1, 4) and (2, 13) $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$

5 through (-2, -16) and (1, -4) $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$

6 through (-2, 0) and (1, 9) $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$

7 through (1, 12) and (2, 16) $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$

8 through (1, 3) and (2, 5) $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$

9 through (-3, -5) and (-1, -3) $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$

10 through (1, 0) and (3, -6) $y = \underline{\hspace{1cm}}x + \underline{\hspace{1cm}}$



Write the equation of a line · From two points — Answer key

1. through (2, 3) and (4, 5)
 $\rightarrow y = x + 1$

2. through (-1, -2) and (2, -11)
 $\rightarrow y = -3x - 5$

3. through (-3, -2) and (-1, -6)
 $\rightarrow y = -2x - 8$

4. through (-1, 4) and (2, 13)
 $\rightarrow y = 3x + 7$

5. through (-2, -16) and (1, -4)
 $\rightarrow y = 4x - 8$

6. through (-2, 0) and (1, 9)
 $\rightarrow y = 3x + 6$

7. through (1, 12) and (2, 16)
 $\rightarrow y = 4x + 8$

8. through (1, 3) and (2, 5)
 $\rightarrow y = 2x + 1$

9. through (-3, -5) and (-1, -3)
 $\rightarrow y = x - 2$

10. through (1, 0) and (3, -6)
 $\rightarrow y = -3x + 3$

