Name:_____Date:

Equations of Lines 3

Find the equation of the line that goes through the points given. The equation of a line is $y = mx + b$, where you need to find the m and the b.

1. (-4, 0) and (-2, 3)   slope:_____y-intercept:_____

   equation:_____

2. (4, 6) and (8, 7)   slope:_____y-intercept:_____

   equation:_____

3. (2, 1) and (4, -2)   slope:_____y-intercept:_____

   equation:_____

4. (2, 4) and (4, 6)   slope:_____y-intercept:_____

   equation:_____

5. (-3, -1) and (3, 3)   slope:_____y-intercept:_____

   equation:_____

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6. (-6, 0) and (0, -1)   slope:_____y-intercept:_____

    equation:_____

7. (2, -1) and (4, 0)   slope:_____y-intercept:_____

    equation:_____

8. (3, -5) and (6, -6)   slope:_____y-intercept:_____

    equation:_____

9. (-6, 5) and (-3, 0)   slope:_____y-intercept:_____

    equation:_____

10. (2, -4) and (4, -1)   slope:_____y-intercept:_____

    equation:_____