

Name: _____ Date: _____

Equations of Lines 4

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, 9) and (2, 6) slope: _____ y-intercept: _____

equation: _____

2. (-4, 0) and (4, 2) slope: _____ y-intercept: _____

equation: _____

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

equation: _____

4. (1, -1) and (-1, -5) slope: _____ y-intercept: _____

equation: _____

5. (2, -3) and (6, 1) slope: _____ y-intercept: _____

equation: _____

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6. (1, 5) and (-2, -1) slope: _____ y-intercept: _____
equation: _____

7. (1, 5) and (-2, -1) slope: _____ y-intercept: _____
equation: _____

8. (1, 5) and (-2, -1) slope: _____ y-intercept: _____
equation: _____

9. (1, 5) and (-2, -1) slope: _____ y-intercept: _____
equation: _____

10. (1, 5) and (-2, -1) slope: _____ y-intercept: _____
equation: _____