

Straight Line Home Study

$$y = mx + c \quad m = \frac{y_2 - y_1}{x_2 - x_1}$$

Name: _____**Find the equation of the following straight lines.**

$$y - b = m(x - a)$$

1. Find the equation of the line passing through the points (0, 3) and (4, 11).	2. Find the equation of the line passing through the points (0, 2) and (2, 8).	3. Find the equation of the line passing through the points (0, 1) and (3, 7).
4. Find the equation of the line passing through the points (0, -4) and (4, 8).	5. Find the equation of the line passing through the points (0, 7) and (1, 9).	6. Find the equation of the line passing through the points (0, -2) and (2, 6).
7. Find the equation of the line passing through the points (1, 3) and (4, 12).	8. Find the equation of the line passing through the points (1, -2) and (3, 8).	9. Find the equation of the line passing through the points (-2, 3) and (1, 0).
10. Find the equation of the line passing through the points (-3, 3) and (4, -11).	11. Find the equation of the line passing through the points (1, 2) and (-2, 8).	12. Find the equation of the line passing through the points (-1, 7) and (2, -5).