1   (−3, 10) is a point on line L.
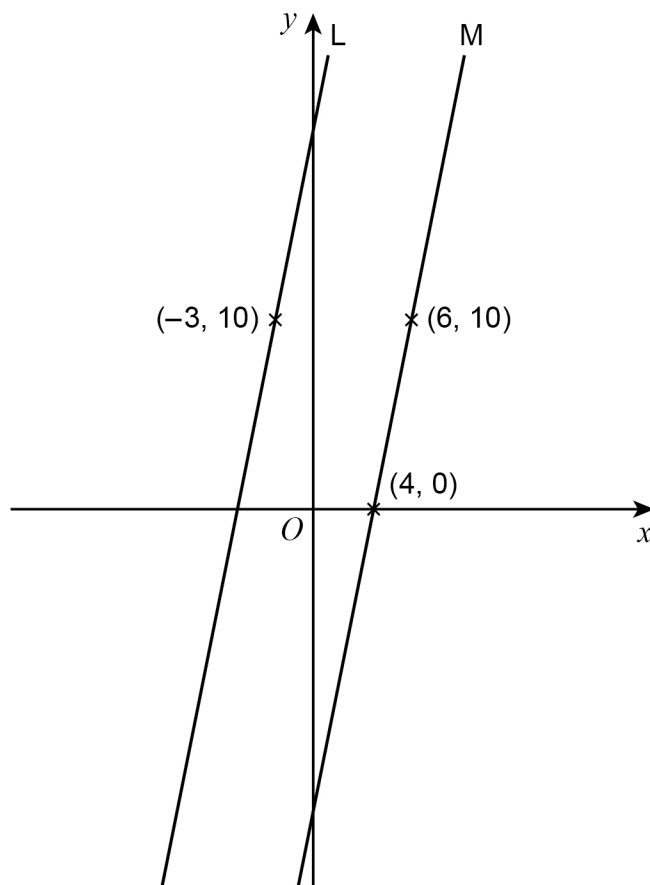
(4, 0) and (6, 10) are points on line M.

L and M are parallel.

Not drawn
accurately

Work out the equation of line L.

Give your answer in the form $y = mx + c$

[3 marks]

_____

_____

_____

_____

_____

_____

Answer _____

2   A straight line

has gradient 6

and

passes through the point (3, 19)

Work out the equation of the line.

Give your answer in the form $y = mx + c$

[3 marks]

Answer _____

3   Which of these is the equation of a straight line?

Circle your answer.

[1 mark]

$$y = 6x^2 \qquad\qquad y = x - 6 \qquad\qquad y = x^2 + 6 \qquad\qquad y = \frac{6}{x}$$

4   The equation of a line is $y = 3x - 6$

Circle the coordinates of the y-intercept.

[1 mark]

$(0, -6)$ $(-6, 0)$ $(0, 3)$ $(3, 0)$