**Finding the Equation of a Straight Line from the Gradient and a Point**

**(a)** Find the equation of the line with gradient 7 that passes through (1, 3)

**(b)** Find the equation of the line with gradient -2 that passes through (4, 3)

**(c)** Find the equation of the line with gradient 2 that passes through (1, -4)

**(d)** Find the equation of the line with gradient -3 that passes through (-1, 6)

**(e)** Find the equation of a line which is parallel to $y=2x+1$ and passes through (3, 1).

**(f)** Find the equation of a line which is parallel to $y=3x+1$ and passes through (6, 10).

**(g)** Find the equation of a line which is parallel to $y=5x-2$ and passes through (5, 7).

**(h)** Find the equation of a line which is parallel to $y=4x-7$ and passes through (4, -3).

**(i)** Find the equation of a line which is perpendicular to $y=2x+6$ and passes through (6, 4).

**(j)** Find the equation of a line which is perpendicular to $y=-4x+7$ and passes through (12, 15).

**(k)** Find the equation of a line which is perpendicular to $y= \frac{1}{5}x+6$ and passes through (3, 1).

**(l)** Find the equation of a line which is perpendicular to $y=- \frac{1}{6} x+3$ and passes through (2, 10).

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