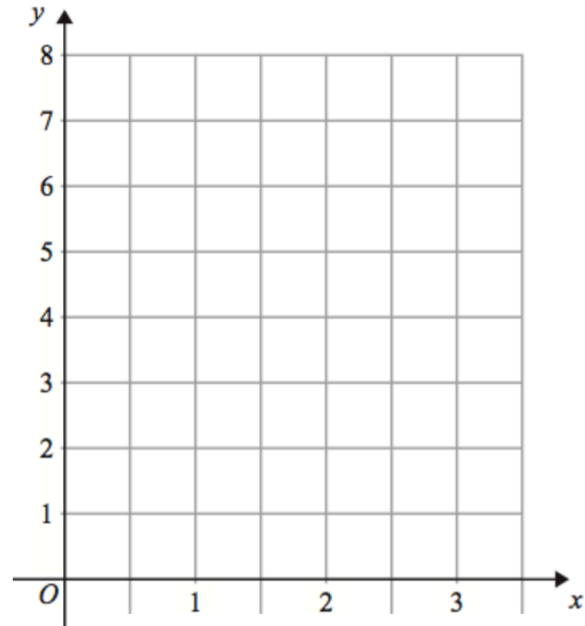




Draw the graph $y = 2x + 1$



Write down the gradient of a line perpendicular to the one drawn.

Find y

$$7\frac{1}{2} + 1\frac{2}{3} = \frac{3}{8} \div y$$

Helen is making a loaf of bread.
A loaf of bread loses 13% of its weight when it is baked.
Helen wants the baked loaf to weigh 800g.

Work out the weight of the loaf of bread before it is baked.

$$\vec{OA} = 2\mathbf{a} \quad \vec{OB} = 3\mathbf{b}$$

M is the midpoint of AB .

$$\vec{BC} \text{ is twice the length of } \vec{OB}$$

Find \vec{MC} in terms of \mathbf{a} and \mathbf{b} .

