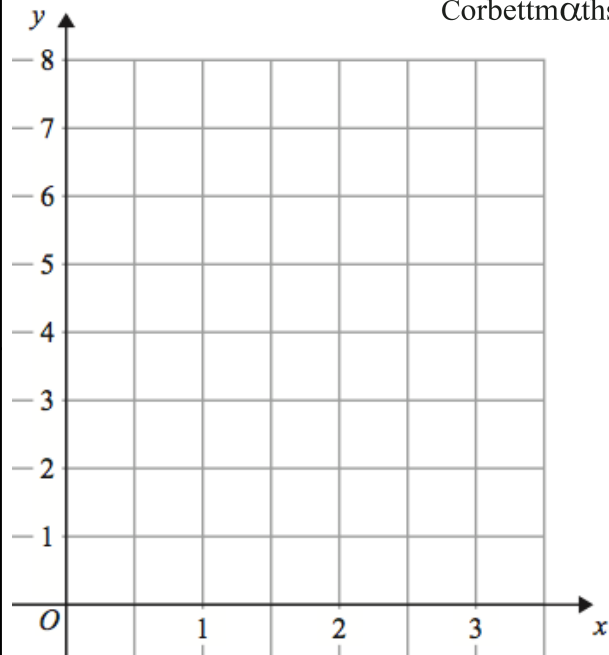


7th May



Corbettmaths

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.

M is the midpoint of AB.

Find vector  $\overrightarrow{OM}$  in terms of  $\mathbf{a}$  and  $\mathbf{b}$ .