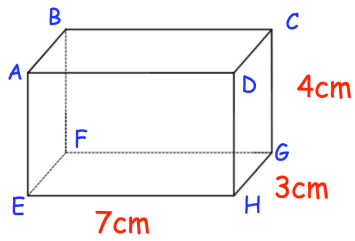


**27th March**

Corbettmaths



Calculate angle CEG

Rearrange

$$y = \frac{2a(y + w)}{4w} \text{ to make } w \text{ the subject}$$

$$4a(2x + 5) + 3(ax + 1) \equiv b - 33x$$

Work out a and b

The point A lies on the curve  
 $y = x^2 - 2x + 4$

The x-coordinate of A is  $-1$ 

The normal at A also intersects the  
 curve at B.

Work out the coordinates of point B.