

10 (a) Write down **all** the factors of 18.

..... [2]

(b) Factorise.

$$3y - xy + 15 - 5x$$

..... [2]

(c)  $3y - xy + 15 - 5x = 18$

where  $x$  and  $y$  are positive integers.

Using your answers to **part (a)** and **part (b)**, find one possible value of  $x$  and the corresponding value of  $y$ .

$x = \dots\dots\dots, y = \dots\dots\dots$  [2]

11 A warehouse has a floor area of  $800 \text{ m}^2$ .  
The plan of the warehouse is drawn to a scale of 1 : 50.

Calculate the floor area on the plan.  
Give your answer in square centimetres.

.....  $\text{cm}^2$  [3]