

**1st June**

Corbettmaths

The numbers 1 to 12 inclusive are placed in a hat. John takes a number out of the bag at random.

What is the probability it is a 5?

$$\frac{1}{12}$$

What is the probability it is an odd number?

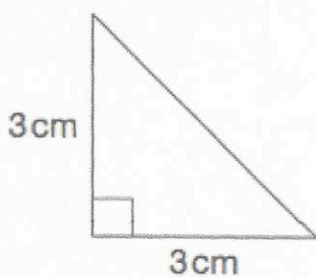
$$\frac{6}{12} = \frac{1}{2}$$

Increase £8 by 30%

$$\begin{aligned} 10\% &= 80p \\ 30\% &= \text{£}2.40 \\ \text{£}8 + \text{£}2.40 &= \text{£}10.40 \end{aligned}$$

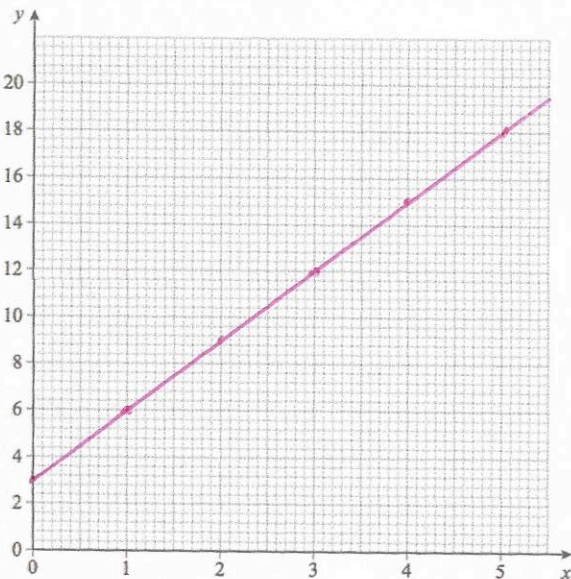
Increase £8 by 35%

$$\begin{aligned} 10\% &= 80p \\ 30\% &= \text{£}2.40 \\ 5\% &= 40p \\ 35\% &= \text{£}2.80 \end{aligned} \quad \underline{\underline{\text{£}10.80}}$$



Find the area of this triangle

$$\begin{aligned} \frac{1}{2}(3 \times 3) &= \frac{1}{2}(9) \\ &= 4.5 \text{ cm}^2 \end{aligned}$$



Complete the table of values for  $y = 3x + 3$ .

x	0	1	2	3	4	5
y	3	6	9	12	15	18

On the grid draw the graph of  $y = 3x + 3$  values of  $x$  from 0 to 5