



Write  $4\text{cm}^3$  in  $\text{mm}^3$

~~4000~~

$$4 \times 10 \times 10 \times 10$$

$$4000 \text{ mm}^3$$

The population of Wigan in 2001 was 301,500.

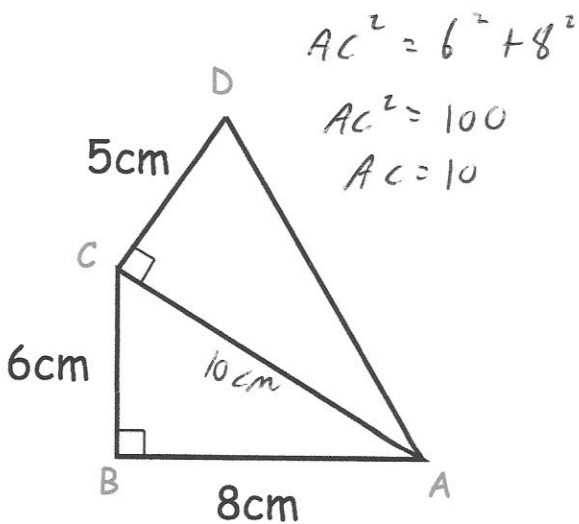
In 2018, the population was 326,100.  
Calculate the percentage increase.

Give your answer correct to one decimal place.

$$326100 - 301500 = 24600$$

$$\frac{24600}{301500} \times 100$$

$$8.2\% \text{ to 1dp}$$



Find the length of AD

$$AD^2 = 5^2 + 10^2$$

$$AD^2 = 125$$

$$AD = 11.18 \text{ cm}$$

Work out the area of quadrilateral ABCD.

$$\frac{1}{2} (8 \times 6) + \frac{1}{2} (10 \times 5)$$

$$49 \text{ cm}^2$$

Box A and Box B have an equal ratio of red and yellow counters.

In Box A, there are 16 red and 36 yellow counters.

$$R:Y = 4:9$$

In Box B, there are 455 counters altogether

How many red counters are there altogether in Box A and Box B?

$$4 + 9 = 13$$

$$455 \div 13 = 35$$

$$4 \times 35 = 140 \text{ red in B}$$

$$140 + 16 = 156 \text{ red}$$