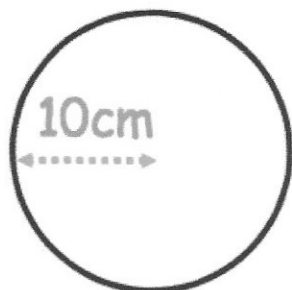




Find x

$$6^4 \times 6^x = 6^{12}$$

$$12 - 4 = 8$$



Calculate the circumference.
Give your answer in terms of π

$$\begin{aligned} C &= \pi \times d \\ &= \pi \times 20 \\ &= 20\pi \text{ cm} \end{aligned}$$

Write $\frac{9}{40}$ as a decimal.

$$0.225$$

$$40 \overline{) 9.0000} \begin{matrix} 0.225 \\ \underline{80} \\ 100 \\ \underline{80} \\ 200 \\ \underline{200} \\ 0 \end{matrix}$$

2.45 has been rounded to two decimal places.

Write down an inequality to show the range of possible actual values.

$$2.445 \leq x < 2.455$$

Andy, Kelly and Georgia share some money.

Andy receives 40% less than Kelly.

The ratio of Georgia's amount to Kelly's amount is 5 : 3

Georgia receives £30

How much money do they have altogether?

$$\begin{aligned} &30 \div 5 = 6 \\ \text{Kelly} & \quad 10 \times 3 = 18 \\ \text{Andy} & \quad \cancel{10 \times 3} \\ & \quad 18 \times 0.6 = \pounds 10.80 \end{aligned}$$

$$\pounds 10.80 + \pounds 18 + \pounds 30 = \pounds 58.80$$