

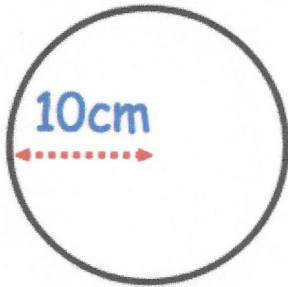
11th October



Corbettmaths

$$5^5 \times 5^{?^5} = 5^{10}$$

$$? = 5$$



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

Calculate the circumference.
Give your answer in terms of π

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

$$\begin{array}{r} 0.225 \\ 40 \overline{) 9.0000} \\ \underline{80} \\ 20 \\ \underline{20} \\ 000 \\ \underline{000} \\ 0 \end{array}$$

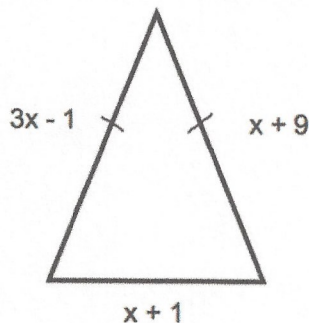
$$0.225$$

2.45 has been rounded to two decimal places.

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

~~2.445 < x < 2.455~~

$$2.445 \leq x < 2.455$$



Shown is an isosceles triangle.
Find x .

$$3x - 1 = x + 9$$

$$2x = 10$$

$$x = 5$$