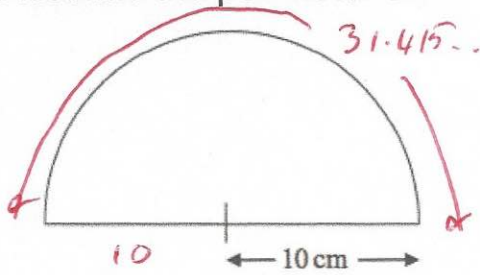


14th February



Corbettmaths

Calculate the perimeter of:



$$\frac{1}{2}(\pi \times 20)$$

$$= 31.415\dots$$

$$31.415 + 10 + 10 = 51.415\dots$$

$$51.4\text{cm}$$

Factorise

$$y^2 - 100$$

$$(y - 10)(y + 10)$$

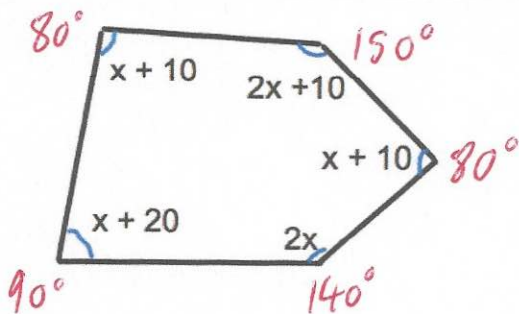
In May 1999, the population of a country was 720,000.

In May 2009, the population was 770,000.

Work out the percentage increase.

$$\frac{50000}{720000} \times 100$$

$$6.944\dots\%$$



Shown is a pentagon.

Form an equation in terms of x

$$7x + 50 = 540$$

$$7x = 490$$

$$x = 70$$

Find the size of each angle.

see above