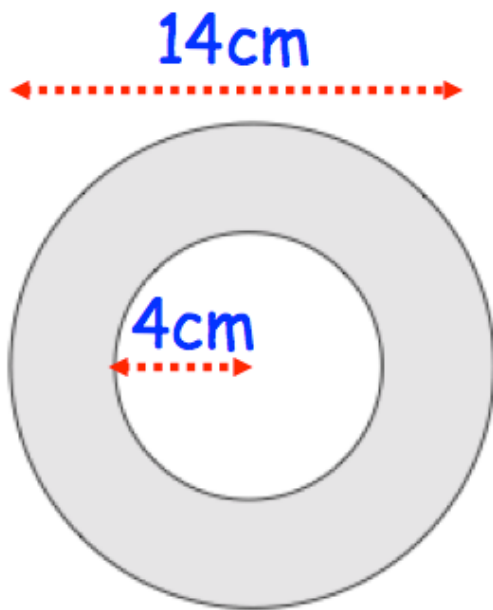


23rd June

Corbettmaths

The size of an interior angle, for a regular polygon, is 176° .

How many sides does it have?



Find the shaded area.

The time, T days, to build a house, is inversely proportional to the number of builders, n , building the house.

The number of days taken to build the house is found by

$$T = \frac{90}{n}$$

where n is the number of builders.

A house takes 15 days to build. How many builders work on the house?