

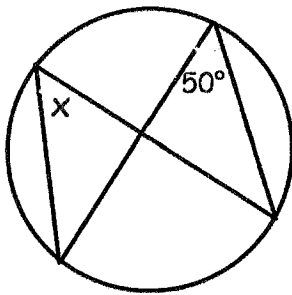
27th January



Corbettmaths

Estimate $\sqrt{100}$

3.2



Find x

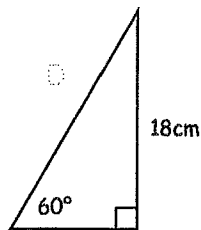
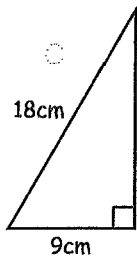
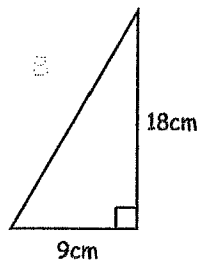
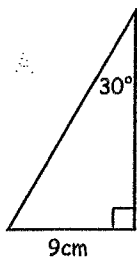
50

The cost of a circular table is directly proportional to the square of the radius. A circular table with a radius of 40cm cost £50.

What is the cost of a circular table with a radius of 60cm?

$$C = \frac{r^2}{32}$$

$$C = \pounds 112.50$$

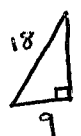


Identify the two congruent triangles and explain your answer.

A + C

$$\sin 30^\circ = \frac{1}{2}$$

$$\frac{1}{2} = \frac{9}{?} = \textcircled{18}$$

So A  \therefore congruent