

23rd April



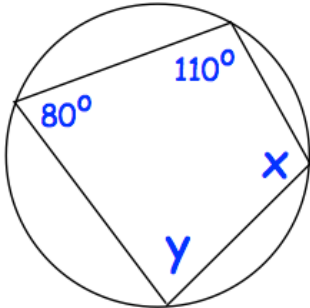
Corbettmaths

Write down the value of:

$$27 \frac{2}{3}$$

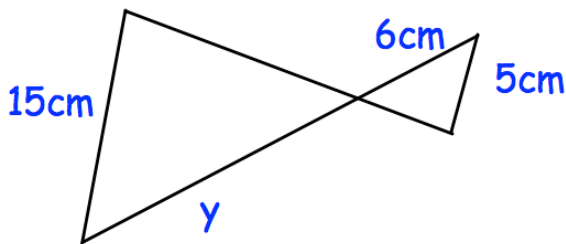
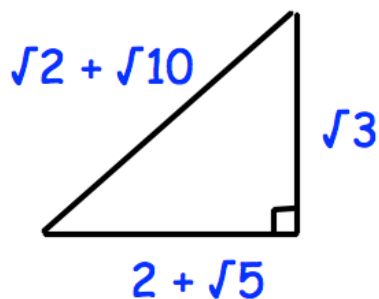
Write down the value of:

$$8^{-2}$$



$$x =$$

$$y =$$

Find y 

Prove this triangle is right-angled.

At a cafe, a coffee costs $\pounds x$ and a tea costs $\pounds y$.

If
6 coffees and 7 teas cost $\pounds 22$
and
8 coffees and 9 teas cost $\pounds 29$

Find the cost of a coffee and the cost of a tea.