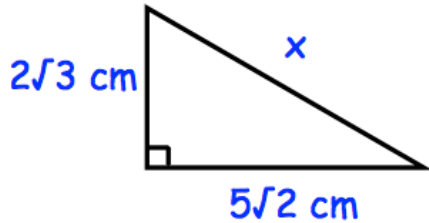


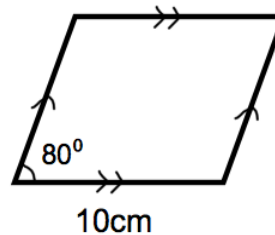
**30th December**

Corbettmaths

The square of  $w$  is 5Write down the value of  $w^3$ Find  $x$ 

Shown is a rhombus

Calculate its area



Solve

$$\frac{11}{(x-1)(x+4)} + \frac{5}{x-1} = 1$$

Find, in terms of  $k$ , the 20th term of the arithmetic sequence $(5k - 3), (8k + 1), (11k + 5), \dots$