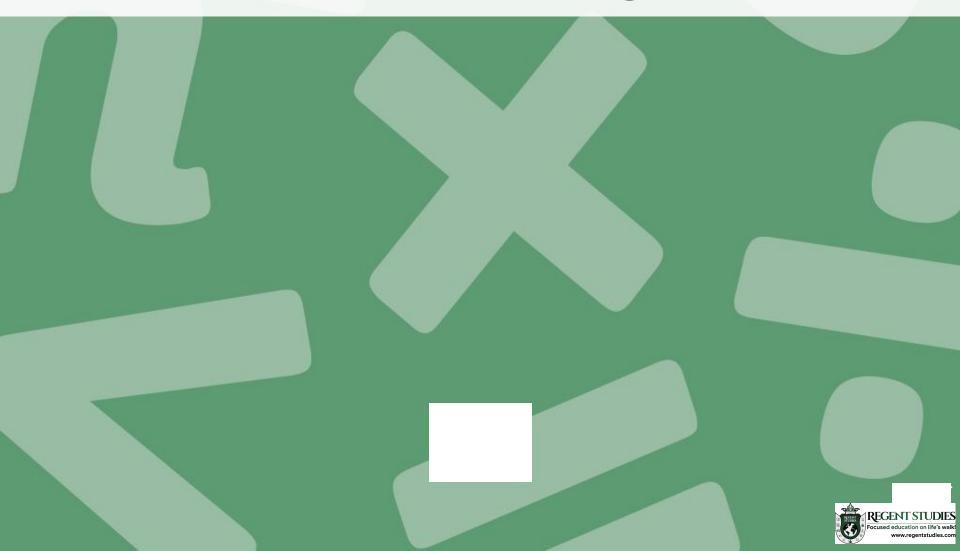


# Gardening



#### Aim

• I can solve problems using my knowledge of square and cube numbers.

#### Success Criteria

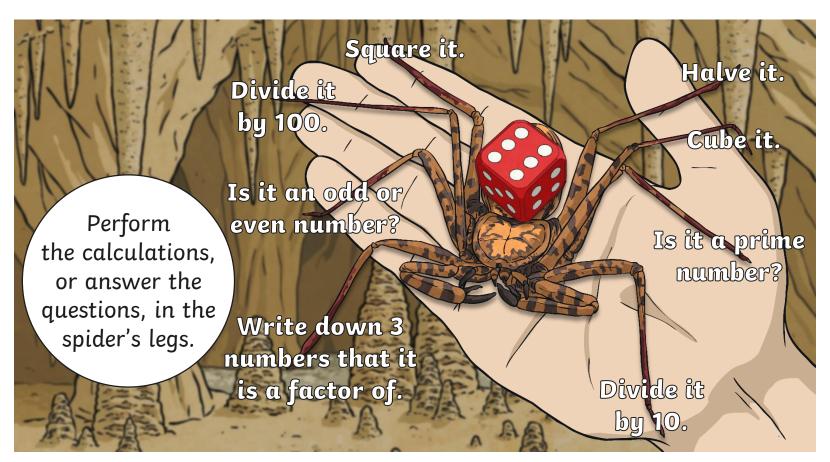
- I can pick out the important information from a word problem.
- I can calculate square and cube numbers to solve the problem.



## Spiders



Roll a dice. This is the number that goes inside the spider.



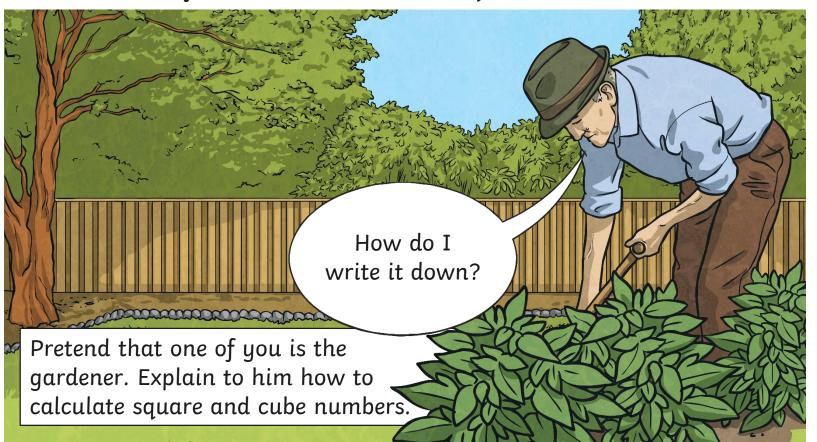


# Squares and Cubes



Help!

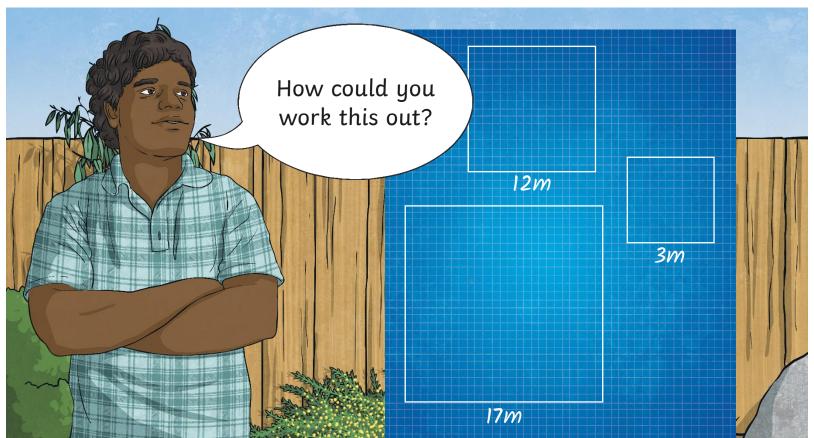
To do this job I need to know about square and cube numbers.





## **Patios**

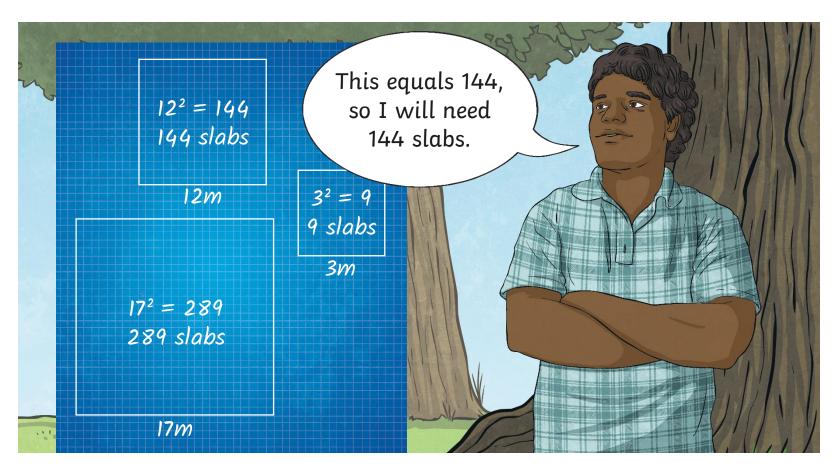
Geoff the gardener has to work out how many paving slabs he needs to make these square patio areas. Each slab is 1m<sup>2</sup>.





## **Patios**

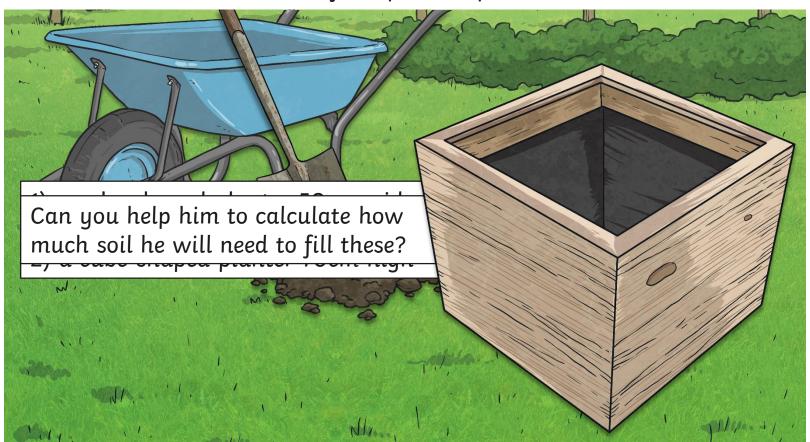
The patios are squares so the length and width will be the same.





## Planters

Geoff needs to build some cube-shaped planters in the corners of the patio to plant shrubs in.





## Planters

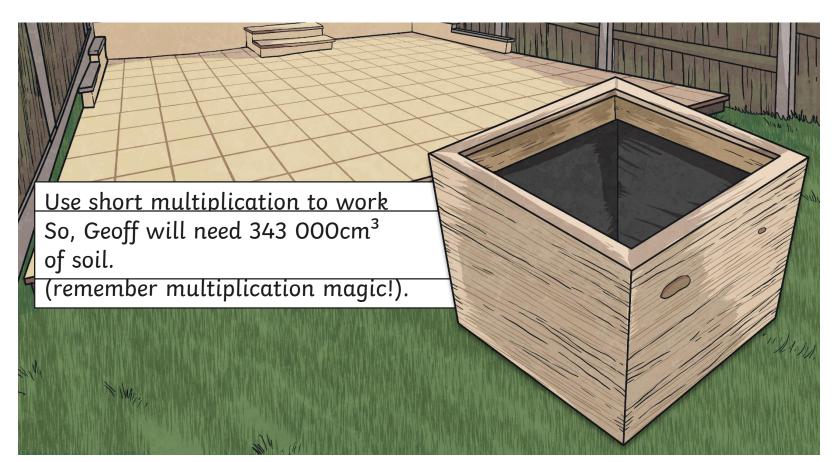
To work this out, we need to cube the measurements:





#### Planters

To work this out, we need to cube the measurements:

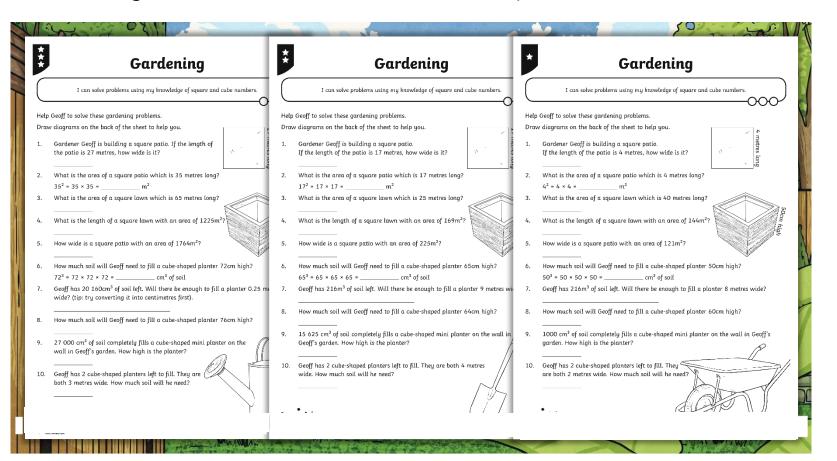




# Gardening



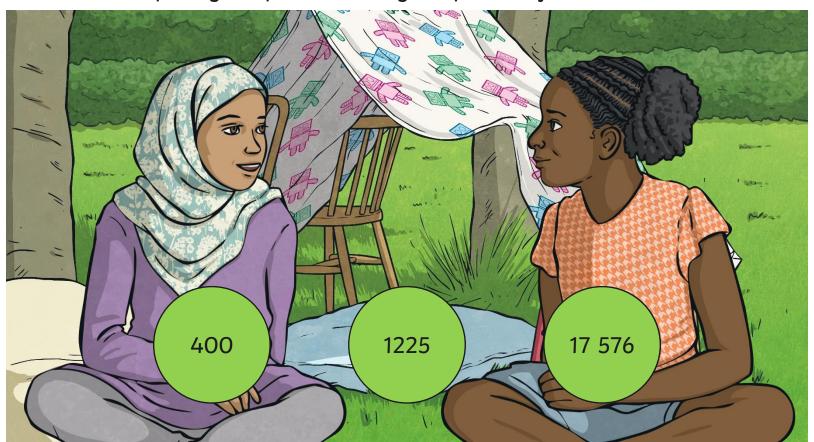
Use your marvellous maths skills to complete these activities:





# Flip It

Have a go at writing your own word problems for these calculations. Then, pass your problems to your partner for them to solve.





#### Aim



• I can solve problems using my knowledge of square and cube numbers.

#### Success Criteria

- I can pick out the important information from a word problem.
- I can calculate square and cube numbers to solve the problem.



