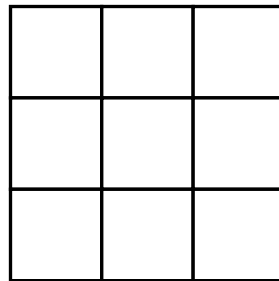
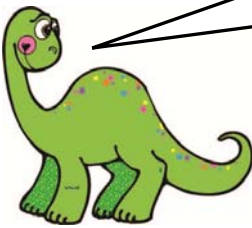


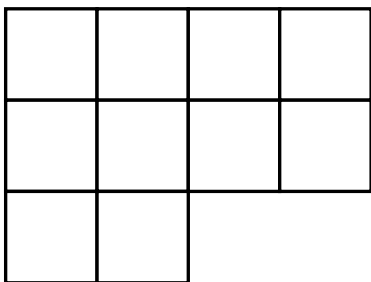
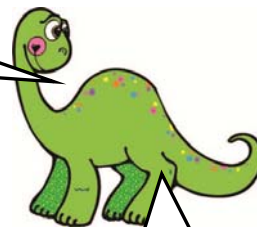
Square numbers are called square numbers because you can make a square out of that number of smaller squares.



I can make a large square out of 9 small squares like this:



But I can't make a larger square out of 10 small squares, however hard I try!



Multiplying a number by itself gives you a square number.

So  $2 \times 2 = 4$  and  $3 \times 3 = 9$ .

4 and 9 are square numbers.

Circle the numbers which are square numbers. (Square numbers can be made by multiplying a number by itself.)



1. 23      25      4      36      16      18

2. 49      30      40      81      64      21

3. What is 4 squared?

4. What is 6 squared?

5. What number multiplied by itself makes 25?

6. What number multiplied by itself makes 81?

7. What number multiplied by itself makes 100?

8. What is the square of 7?

8. What is the square of 11?

10. What number multiplied by itself makes 144?

## Answers

1. 25, 4, 36 and 16 circled.

2. 49, 81 and 64 circled.

3. 16    4. 36    5. 5    6. 9

7. 10    8. 49    9. 121    10. 12

Lots more like this on the MathSphere, 'It's All Figured Out' worksheet CD [www.mathsphere.co.uk](http://www.mathsphere.co.uk)

Maths activities for young children at [www.urbrainy.com](http://www.urbrainy.com)