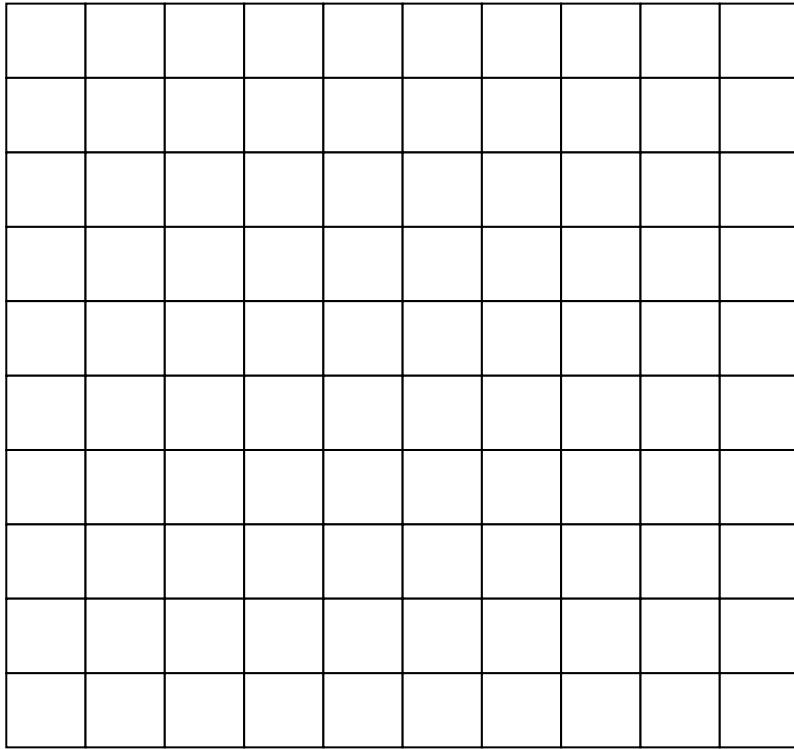


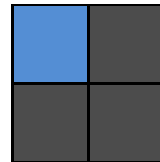
Year 5: Square Numbers (3)  
Maths worksheets from mathsblog.co.uk



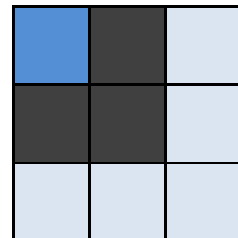
On the grid shade in the top, left hand square.



Now use a different colour to shade in the next biggest square on the grid as shown here.



Now shade in squares to make the next biggest square as shown here.



The first square was made by shading one square.

The second square was made by shading  $1 + 3 = 4$  squares.

The third square was made by shading  $1 + 3 + 5 = 9$  squares.

Carry on making the next biggest square each time until the whole  $10 \times 10$  square has been shaded.

Note how many you add each time.

The fourth square was made by shading  more.

The fifth square was made by shading  more.

The sixth square was made by shading  more.

The seventh square was made by shading  more.

The eighth square was made by shading  more.

The ninth square was made by shading  more.

The tenth square was made by shading  more.

Make a rule about how many you add each time.

## Answers

The fourth square is made by adding 7 more.

Fifth: 9 more

Sixth: 11 more

Seventh: 13 more

Eighth: 15 more

Ninth: 17 more

Tenth: 19 more

A rule; something along the lines of: Adding 2 more each time, or adding the next odd number.

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)