

square numbers

1 Draw the first square number, 1^2 .



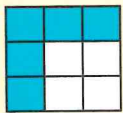
2 Draw the second square number, 2^2 .



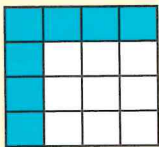
3 Write what was added to 1^2 to make 2^2 .



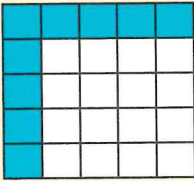
4 Draw the third square number, 3^2 .



5 Write what was added to 2^2 to make 3^2 .



6 Draw the fourth square number, 4^2 .



7 Write what was added to 3^2 to make 4^2 .

8 Draw the fifth square number, 5^2 .

9 Write what was added to 4^2 to make 5^2 .

10 Keep going like this up to the 13th square number.

11 Now write the 14th square number without drawing anything.

12 Write 15^2 and 16^2 .

13 If 20^2 is 400, work out what 21^2 is.

14 If 25^2 is 625, work out what 26^2 is.

You don't need to multiply!

Write a rule explaining how you find the next square number.

THINK

I am confident with square number patterns.

