

Lesson 25 **NUMBER****Square numbers and number patterns**

WHAT THIS LESSON TEACHES

A **square number** is a number times itself. We write it with a small ², which means 'to the power of 2'.

→ $5^2 = 5 \times 5 = 25$.

→ The first squares: 1, 4, 9, 16, 25, 36...

	× 5
5	25

Total: 25

MODEL THIS ON THE BOARD

FIND 6^2 AND 9^2

① $6^2 = 6 \times 6 = 36$.

② $9^2 = 9 \times 9 = 81$.

③ A square number is the area of a square with that side length.

ANSWER KEY

W1: 9

W2: 9

W3: 9

W4: 68

Q1: 100

Q2: 49

Q3: 144

Q4: 5142