



Key Instant Recall Facts

Year 5 Summer!

Target:

Recall square numbers up to 144 and their square roots.

Key Vocabulary

Squarer number

Factor

Product

Array

Questions to ask

- Is ____ a square number? How do you know?
- Can you make an array to prove if ____ is a square number or not.
- How could we make the next square number in the sequence?
- What is the square root of ____?

Activities to try at home

- Square Number Hunt

Search around the house for square arrangements of objects. Count tiles on bathroom floors, windows in buildings, or arrange items like coins or sweets into square patterns (arrays). Can you work out which square number each arrangement represents?

- Building Block Squares

Use Lego, wooden blocks, or even books to build square structures. Start with 1×1 (1 block), then 2×2 (4 blocks), then 3×3 (9 blocks). See how many blocks you need for each square size.

- Garden Square Planting

Use a small patch of garden or plant pots to create square arrangements. Plant seeds or place stones in 2×2 , 3×3 , or 4×4 patterns.

Count the total items and identify the square number.

- Online Games such as Top Marks



[Paint the Squares - Interactive Number Charts](#)