



# Key Instant Recall Facts

## Year 6 Summer ii

To recall square numbers up to  $12^2$  and their square roots

| Key Facts                   |                   | Key Vocabulary                          |
|-----------------------------|-------------------|---|
| $1^2 = 1 \times 1 = 1$      | $\sqrt{1} = 1$    | What is 8 <b>squared</b> ?              |
| $2^2 = 2 \times 2 = 4$      | $\sqrt{4} = 2$    | What is 7 <b>multiplied by itself</b> ? |
| $3^2 = 3 \times 3 = 9$      | $\sqrt{9} = 3$    | What is the <b>square root</b> of 144?  |
| $4^2 = 4 \times 4 = 16$     | $\sqrt{16} = 4$   | Is 81 a <b>square number</b> ?          |
| $5^2 = 5 \times 5 = 25$     | $\sqrt{25} = 5$   |   |
| $6^2 = 6 \times 6 = 36$     | $\sqrt{36} = 6$   |   |
| $7^2 = 7 \times 7 = 49$     | $\sqrt{49} = 7$   |   |
| $8^2 = 8 \times 8 = 64$     | $\sqrt{64} = 8$   |   |
| $9^2 = 9 \times 9 = 81$     | $\sqrt{81} = 9$   |   |
| $10^2 = 10 \times 10 = 100$ | $\sqrt{100} = 10$ |   |
| $11^2 = 11 \times 11 = 121$ | $\sqrt{121} = 11$ |   |
| $12^2 = 12 \times 12 = 144$ | $\sqrt{144} = 12$ |   |

Children should also be able to recognise whether a number below 150 is a square number or not

### Top Tips

- \*The key to success is practising little and often.
- \*Can you practise these KIRFs while walking to school or on a car journey? Maybe you could have a fact of the day.

