



## 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.

