



Be the best you can be, every day.

Year 6 - Summer 2

I know the square roots of square numbers to 15 x 15

By the end of this half term the children should know the following facts. The aim is to recall them instantly

$15 \times 1 = 15$	$1 \times 15 = 15$	$15 \div 15 = 1$	$15 \div 1 = 15$
$15 \times 2 = 30$	$2 \times 15 = 30$	$30 \div 15 = 2$	$30 \div 2 = 15$
$15 \times 3 = 45$	$3 \times 15 = 45$	$45 \div 15 = 3$	$45 \div 3 = 15$
$15 \times 4 = 60$	$4 \times 15 = 60$	$60 \div 15 = 4$	$60 \div 4 = 15$
$15 \times 5 = 75$	$5 \times 15 = 75$	$75 \div 15 = 5$	$75 \div 5 = 15$
$15 \times 6 = 90$	$6 \times 15 = 90$	$90 \div 15 = 6$	$90 \div 6 = 15$
$15 \times 7 = 105$	$7 \times 15 = 105$	$105 \div 15 = 7$	$105 \div 7 = 15$
$15 \times 8 = 120$	$8 \times 15 = 120$	$120 \div 15 = 8$	$120 \div 8 = 15$
$15 \times 9 = 135$	$9 \times 15 = 135$	$135 \div 15 = 9$	$135 \div 9 = 15$
$15 \times 10 = 150$	$10 \times 15 = 150$	$150 \div 15 = 10$	$150 \div 10 = 15$
$15 \times 11 = 165$	$11 \times 15 = 165$	$165 \div 15 = 11$	$165 \div 11 = 15$
$15 \times 12 = 180$	$12 \times 15 = 180$	$180 \div 15 = 12$	$180 \div 12 = 15$

Key Vocabulary

What do I **multiply** 15 by to make 150 ?

What is 75 **divided by** 15 ?

What is 3 **times** 15?

How did you calculate $4 \times 15 = 60$?

How many 15's equal 105?

They should be able to answer these questions in any order, including missing number questions e.g.

$$15 \times \bigcirc = 135$$

$$150 \div \bigcirc = 15$$

Top Tips

The secret to success is practising **little** and **often**. Use time wisely.

- Practise **Key Facts** while walking to school or during a car journey.
- Have a fact of the day.
- **Speed Challenge** - Take two packs of playing cards and remove the kings. Turn over cards and ask your child to multiply the numbers by 15 (Ace = 1, Jack = 11, Queen = 12). How many questions can they answer correctly in 2 minutes? Practise regularly and see if they can beat their high score.