



KEY FLUENCY FACTS Year 4, Autumn 1

At St Lawrence School, we value parents as partners in their child's learning. At the beginning of every half term, we will provide an overview of Key Fluency Facts so that parents are aware of the areas that will help their child secure their Mathematical knowledge and can work on these areas with their child:

To know the sums and differences of all pairs of multiples of 10, 100 and 1000 and what to add to any three-digit number to make the next multiple of 100. I also know doubles of numbers 1 to 100 and corresponding halves and doubles of multiples of 10 and 100 and corresponding halves.

$30 + 80 = 110$	$521 + ? = 600$	$60 \times 2 = 120$
$50 + 70 = 120$	$479 + ? = 500$	$170 \times 2 = 340$
$120 - 40 = 80$	$355 + ? = 400$	$560 \times 2 = 1120$
$240 - 150 = 90$	$872 + ? = 900$	$160 \div 2 = 80$
$400 + 500 = 900$	$788 + ? = 800$	$240 \div 2 = 120$
$800 + 700 = 1500$	$964 + ? = 1000$	$380 \div 2 = 190$
$1200 - 800 = 400$	$213 + ? = 300$	$400 \times 2 = 800$
$1700 - 900 = 800$	$38 \times 2 = 76$	$600 \times 2 = 1200$
$3000 + 7000 = 10,000$	$64 \times 2 = 128$	$900 \times 2 = 1800$
$4000 + 9000 = 13,000$	$72 \div 2 = 36$	$800 \div 2 = 400$
$14,000 - 5000 = 9000$	$96 \div 2 = 48$	$1600 \div 2 = 800$
$16,000 - 8000 = 8000$		$1200 \div 2 = 600$

Key Vocabulary

What do I **add** to 50 to make 120 ?

What do I **add** to 479 to make 500 ?

What is 1700 **take away** 900 ?

What is 500 **less than** 14,000 ?

What is **double** 38 ?

What is **half of** 16,000?

Children can practise answering missing number questions
e.g. $400 + ? = 1300$ or $14,000 - ? = 9000$. Use practical resources and pictorial representations for support if necessary.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these number facts whilst walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day.

Use what you already know – Encourage your child to find the connection between number bonds to 20 and number bonds of multiples of 10, 100 and 1000.

Ping Pong – In this game, the parent says, "Ping," and the child replies, "Pong." Then the parent says a two-digit number and the child says what you would add to it to make the next multiple of 100.