



St. Mary's C of E Primary Academy
COLLABORATIVE LEARNING TRUST



Come and See: Maths

KEY STAGE 2

TUESDAY 27TH JANUARY 2026



Maths Arrrggghhh!!



Maths ... so much to learn!

addition	subtraction	multiplication	division	fractions
decimals	measure	time	shape	statistics
place value	position and direction	ratio	algebra	percentages

Formal Methods of Calculation

		Th	H	T	O
		4	6	7	3
+		1	5	1	8
		<u>6</u>	<u>1</u>	<u>9</u>	<u>1</u>
		1		1	

		Th	H	T	O
		3 4	10	4 5	12
-		2	4	1	5
		<u>1</u>	<u>6</u>	<u>3</u>	<u>7</u>

			3	2
×			1	3
			<u>9</u>	<u>6</u>
		3	2	0
		<u>4</u>	<u>1</u>	<u>6</u>
		1		

(32 × 3)
(32 × 10)

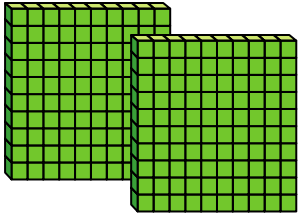
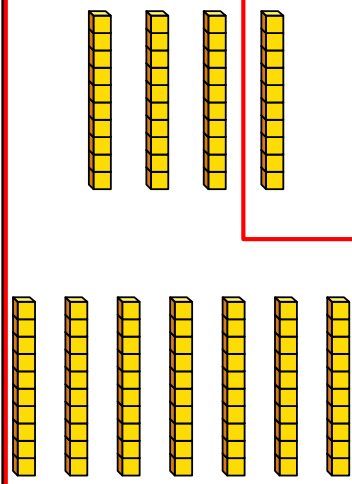

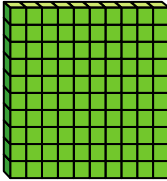
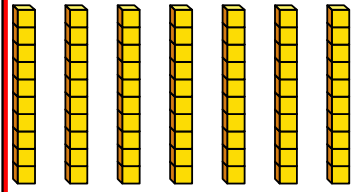

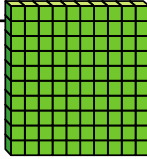
			0	2	4	r	12
15		<u>3</u>	<u>7</u>	<u>2</u>			
		<u>3</u>	<u>0</u>	<u>0</u>			
			7	2			
			<u>6</u>	<u>0</u>			
			1	2			

(15 × 20)

(15 × 4)

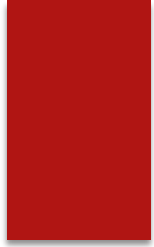
Year 3

$$243 + 172 = 415$$

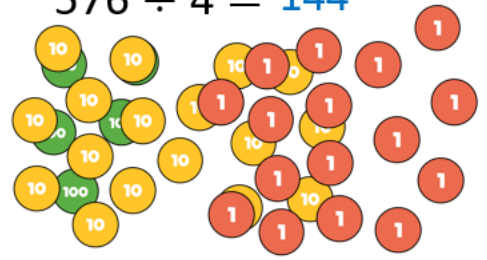
Hundreds	Tens	Ones
		
		
4	11	5
		

	H	T	O	
	2	4	3	
+	1	7	2	
	4	1	5	
	1			

Year 4



$$576 \div 4 = 144$$



H	T	O

Year 5



Thousands	Hundreds	Tens	Ones



	2	4	2	0	
×				4	
	9	6	8	0	
	1				

$$2,420 \times 4 = 9,680$$


Counting

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Number Bonds

Rainbow to 10



0 1 2 3 4 5 10 5 6 7 8 9 10

$0 + 10 = 10$	$10 + 0 = 10$
$1 + 9 = 10$	$9 + 1 = 10$
$2 + 8 = 10$	$8 + 2 = 10$
$3 + 7 = 10$	$7 + 3 = 10$
$4 + 6 = 10$	$6 + 4 = 10$
$5 + 5 = 10$	$5 + 5 = 10$

Hit the Button



Number Bonds
Doubles
Halves
Times Tables
Division Facts
Square Numbers

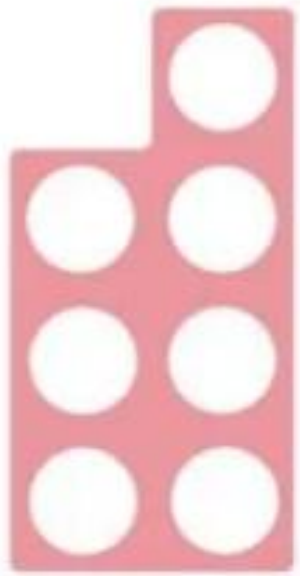
Topmarks

How Many Are Hiding?

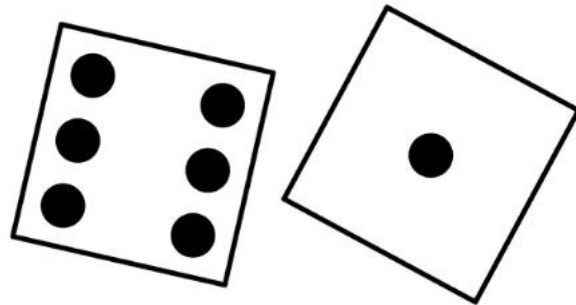
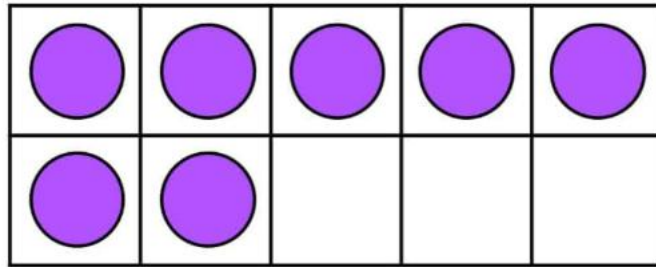
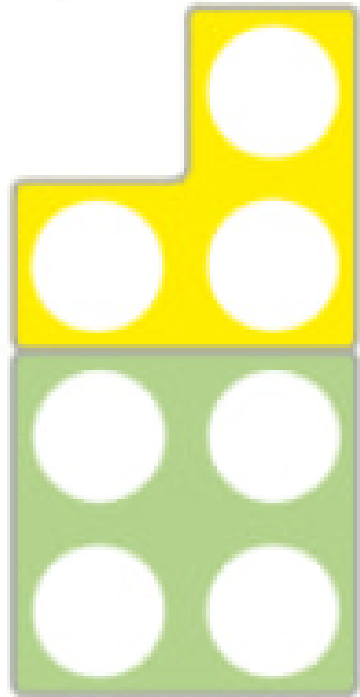


[Hit the Button - Quick fire maths practise for 6-11 year olds](#)

Number Sense



7
seven



Addition Facts within 10

+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9	5+10
6	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9	6+10
7	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9	7+10
8	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9	8+10
9	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9	9+10
10	10+0	10+1	10+2	10+3	10+4	10+5	10+6	10+7	10+8	10+9	10+10

Times Tables



Year 4 Multiplication Check

Do you have a child in year 4 at primary school?

If so, your child will be participating in the multiplication tables check (MTC) in June.

The purpose of the check is to determine whether your child can fluently recall their times tables up to 12, which is essential for future success in mathematics. It will also help your child's school to identify if your child may need additional support.

What is the multiplication tables check?

It is an onscreen check consisting of 25 times table questions. Your child will be able to answer 3 practice questions before taking the actual check. They will then have 6 seconds to answer each question. On average, the check should take no longer than 5 minutes to complete.



Try it out Time left: 6

$4 \times 11 =$

1	2	3
4	5	6
7	8	9
↶	0	Enter

Fluent in 15

15 questions in 15 minutes ... every day!

Year 3

$$20 \div 2 =$$

$$12 \div 2 =$$

$$14 \div 2 =$$

$$8 \div 2 =$$

$$10 \div 2 =$$

$$10 + 1 =$$

$$7 + 1 =$$

$$4 + 4 =$$

$$3 + 3 =$$

$$45 + 3 =$$

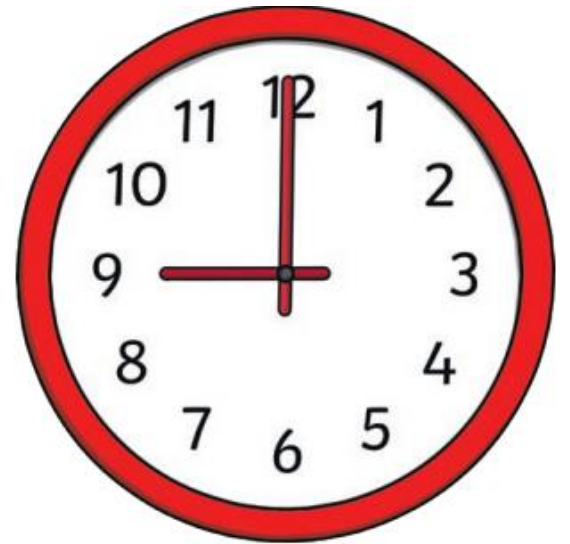
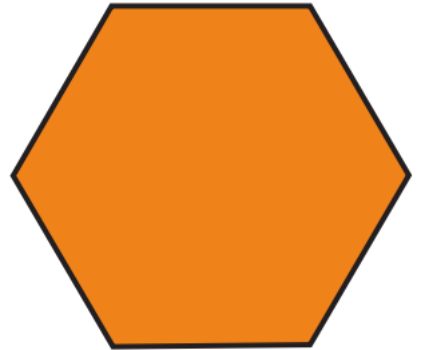
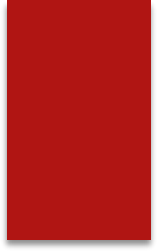
$$62 + 6 =$$

$$27 + 2 =$$

25 = ___ tens and ___ ones

42 = ___ tens and ___ ones

27 = ___ tens and ___ ones



Year 4

$$11 \times 3 =$$

$$5 \times 3 =$$

$$8 \times 3 =$$

$$3 \times 3 =$$

$$4 \times 3 =$$

$$65 + 23 =$$

$$65 + 27 =$$

$$634 + 29 =$$

$$74 + 10 =$$

$$740 + 10 =$$

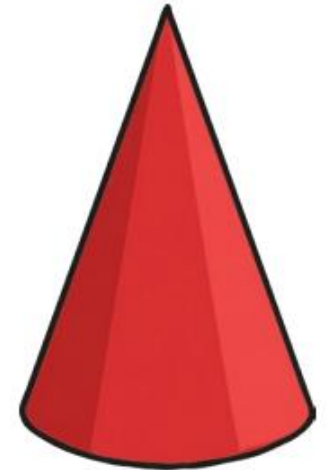
$$74 - 10 =$$

$$740 - 10 =$$

$$\frac{4}{10} - \frac{1}{10} =$$

$$\frac{7}{8} - \frac{6}{8} =$$

$$\frac{3}{5} - \frac{1}{5} =$$



Year 5

$$2 + 6 + 5 =$$

$$6 + 4 + 7 =$$

$$5 \times 7 =$$

$$77 \div 7 =$$

$$7 \times 0 =$$

$$0 \times 15 =$$

$$45 + 10 =$$

$$359 + 10 =$$

$$37 - 10 =$$

$$359 - 10 =$$

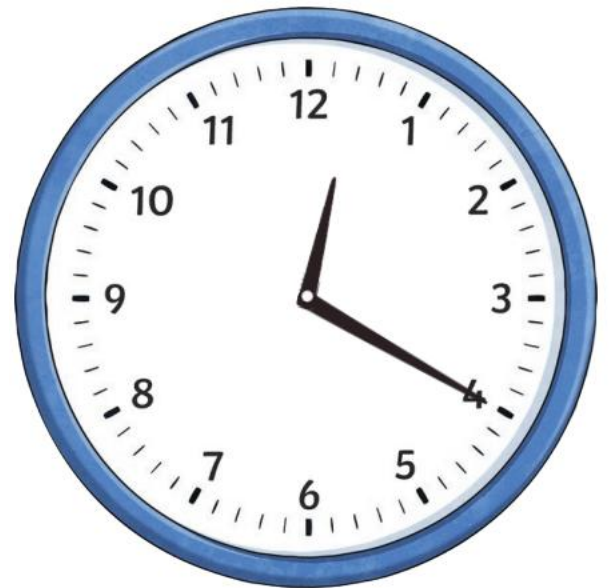
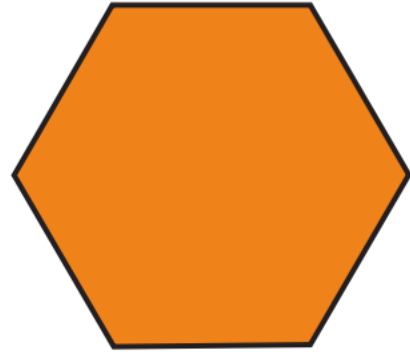
$$671 + 215 =$$

$$263 + 419 =$$

$$2356 + 1088 =$$

$$\frac{1}{5} \text{ of } 20 =$$

$$\frac{1}{4} \text{ of } 32 =$$



Year 6

$$4.28 + 9.2 =$$

$$\frac{6}{7} - \frac{2}{3} =$$

$$1320 \div 12 =$$

$$9 - 7.157 =$$

$$\frac{9}{10} \times \frac{3}{4} =$$

$$7177 \times 19 =$$

$$1 \times 287 =$$

$$\frac{1}{8} \div 3 =$$

$$3 \times 5 \times 2 =$$

$$450 \div 9 =$$

$$75\% \text{ of } 5600 =$$

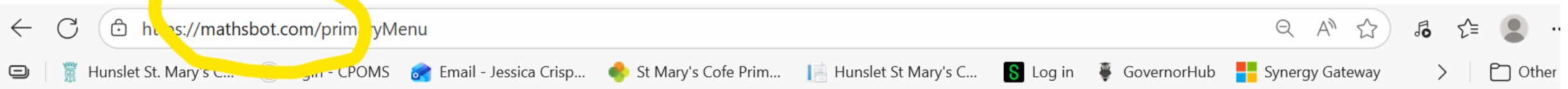
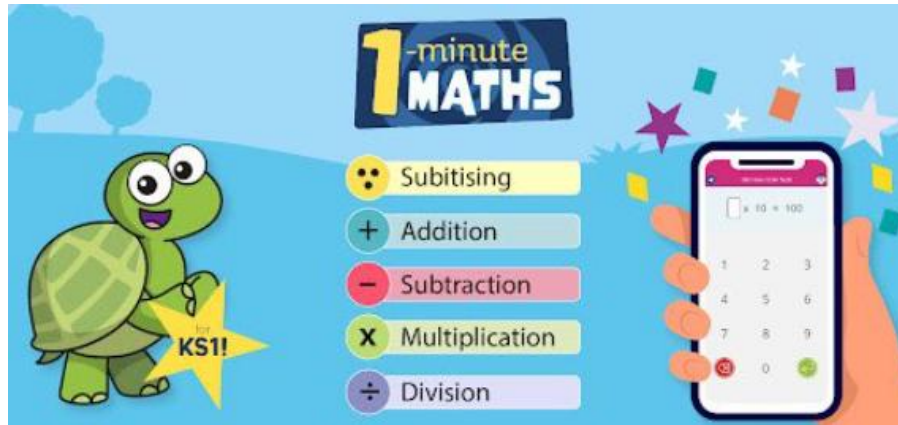
$$4874 \times 10 =$$

$$\frac{5}{7} + \frac{1}{14} =$$

$$(15 + 27) \div 3 =$$

$$1.59 \div 10 =$$

Helping at Home



Primary Resources

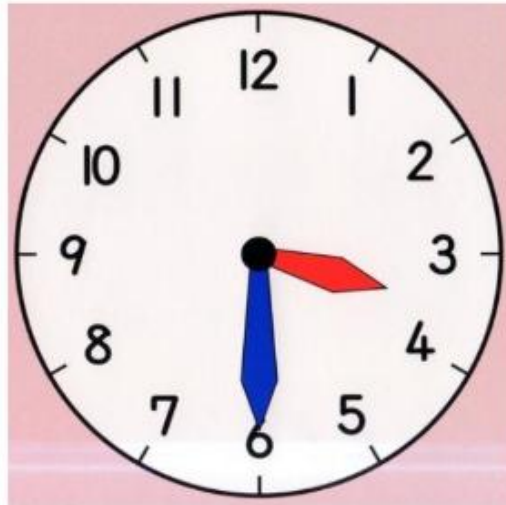
Search...



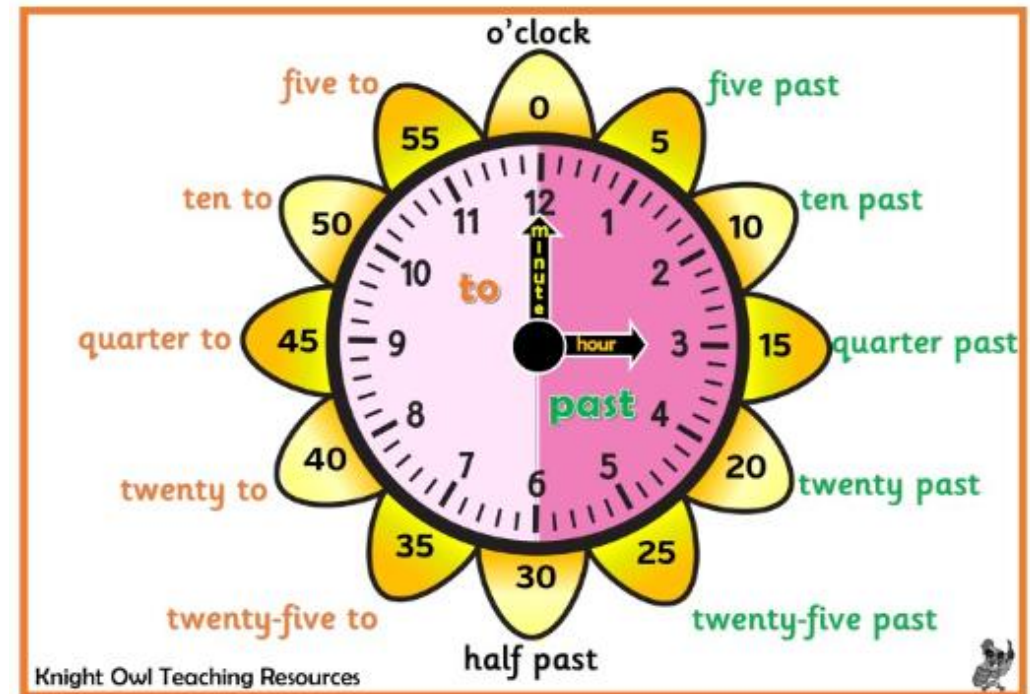
- Home
 - Membership
 - CPD
 - Curriculum
 - Completion Tables
 - Do Now's!
 - GCSE
 - Manipulatives
 - Non-Examples
 - Primary
 - Printables
 - Puzzles
 - Question Generators
 - Starters
 - Tasks
 - Tools
- Variation Grids

Telling the Time

Year 1



Year 2



By the end of Year 3

- Add and subtract **3-digit numbers** using written methods (column method).
- Recall and use **times tables for 2, 3, 4, 5, 8 and 10**.
- Multiply and divide using known facts (including sharing and grouping).
- Solve simple **word problems** involving addition, subtraction, multiplication and division.
- Understand **inverse operations**.

By the end of Year 4

- Confidently add and subtract **4-digit numbers** using column methods.
- Know **all times tables up to 12×12** and related division facts.
- Multiply **2-digit numbers by 1-digit numbers**.
- Divide using written methods (including remainders).
- Solve **multi-step problems** and decide which operation to use.
- Use estimation to **check answers**.

By the end of Year 5

- Add and subtract **numbers with more than 4 digits**, including decimals.
- Multiply up to **4-digit numbers by 1- or 2-digit numbers**.
- Divide by **1- and 2-digit numbers** using written methods.
- Use multiplication and division with **fractions and decimals**.
- Solve more complex **word problems**, explaining their reasoning.
- Use efficient methods and choose the **best strategy** for a calculation.

By the end of Year 6

- Confidently use **all four operations** with large numbers, decimals and fractions.
- Multiply and divide **decimals** by whole numbers.
- Divide fractions by whole numbers.
- Solve **multi-step, real-life problems**, showing clear working.
- Use estimation and mental maths to **check accuracy**.