



Y3/4 Maths

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Number Place value VIEW				Number Addition and subtraction VIEW				Number Multiplication and division A VIEW		Measurement Area VIEW	
Spring term	Number Multiplication and division B VIEW		Measurement Length and perimeter VIEW		Number Fractions A VIEW			Measurement Mass and capacity VIEW		Number Fractions B VIEW		
Summer term	Measurement Time VIEW	Number Decimals VIEW			Measurement Money VIEW		Geometry Shape VIEW		Geometry Position and .. VIEW	Statistics VIEW		

Free trial

Flashback



Key vocabulary for today

calculation

add/ addition

sum

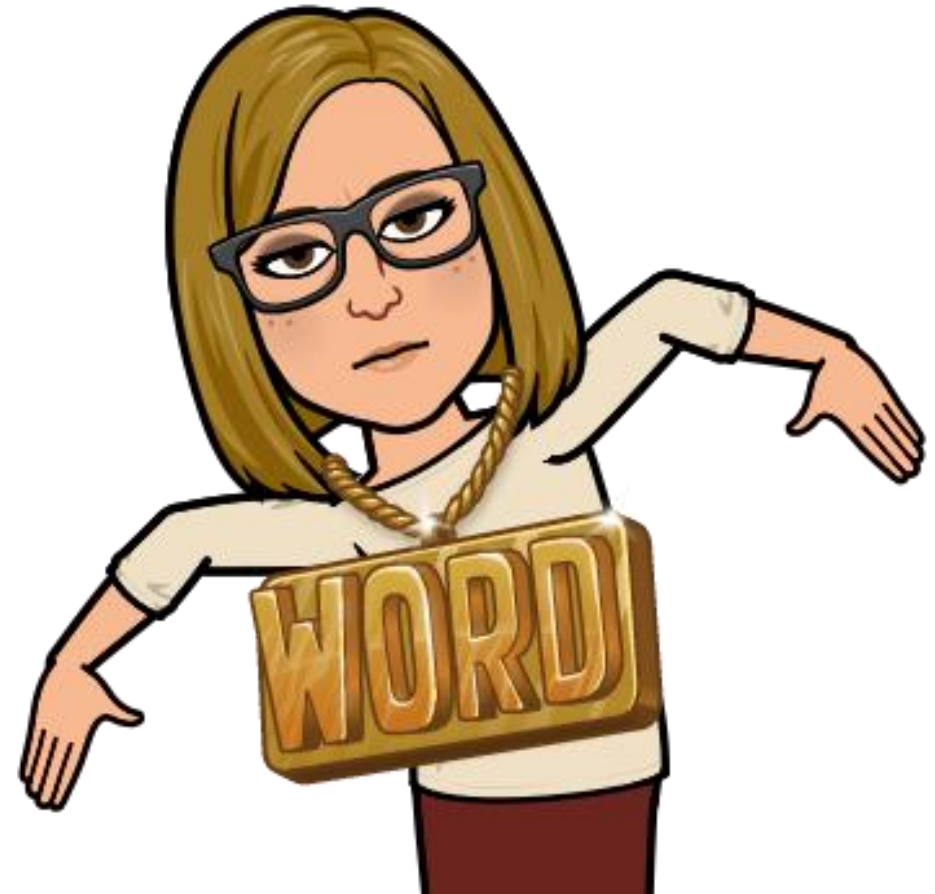
total

digit

column

exchange

+ =



Four operations

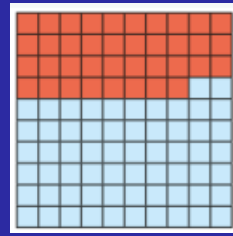
Addition

Subtraction

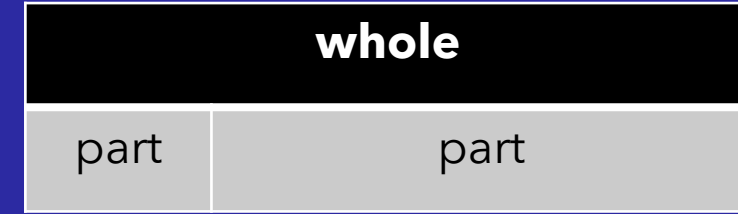
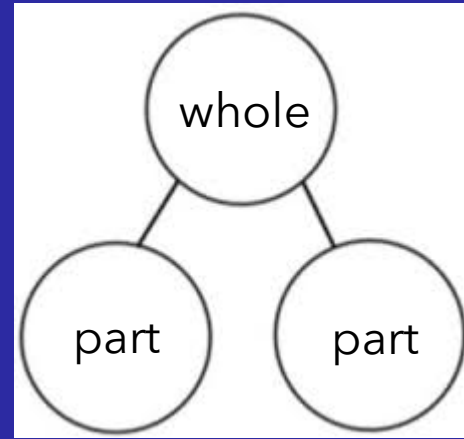
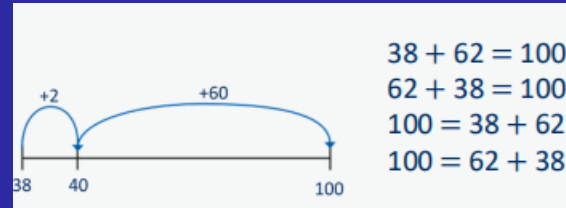
Multiplication

Division

Addition



	H	T	O
	3	6	7
+	1	6	4
	5	3	1










Year 3

- Add 1s, 10s and 100s to a 3-digit number
- Add two numbers (no exchange)
- Add two numbers across a 10 or 100
- Complements to 100
- Add fractions with the same denominator within 1 whole
- Calculate the duration of events

Year 4







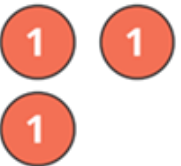
- Add 1s, 10s and 100s to a 4-digit number
- Add up to two 4-digit numbers
- Add decimal numbers in the context of money
- Add fractions and mixed numbers with the same denominator beyond 1 whole

$$6,641 + 623 = \boxed{}$$

Th	H	T	O
			
			
		6	4

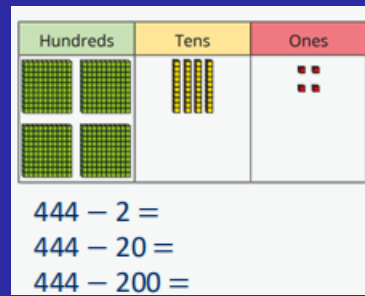
	Th	H	T	O	
	6	6	4	1	
+		6	2	3	
			6	4	

$$6,641 + 623 = \boxed{7,264}$$

Th	H	T	O
			
			
7	2	6	4

	Th	H	T	O	
	6	6	4	1	
+		6	2	3	
	7	2	6	4	
	1				

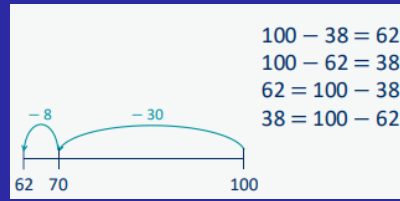
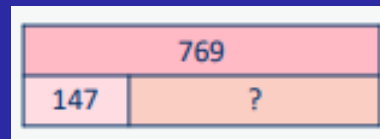
Subtraction



$$444 - 2 =$$

$$444 - 20 =$$

$$444 - 200 =$$



$$100 - 38 = 62$$

$$100 - 62 = 38$$

$$62 = 100 - 38$$

$$38 = 100 - 62$$

Fact families

If $7 + 3 = 10$
then $10 - 7 = 3$
and $10 - 3 = 7$

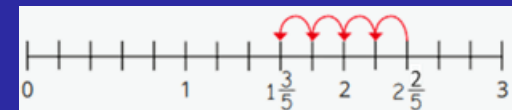
Year 3

- Subtract 1s, 10s and 100s from a 3-digit number
- Subtract two numbers (no exchange)
- Subtract two numbers across a 10 or 100
- Complements to 100
- Subtract fractions with the same denominator within 1 whole

	Th	H	T	O
	3	2	4	8
-	2	1	4	8
	1	0	5	8

Year 4

- Subtract 1s, 10s, 100s and 1,000s from a 4-digit number
- Subtract up to two 4-digit numbers
- Subtract decimal numbers in the context of money
- Subtract fractions and mixed numbers with the same denominator



$$412 - 121 = \boxed{291}$$

H	T	O
2	9	1

	H	T	O	
	4 ³	1 ¹	2	
-	1	2	1	
	2 9 1			

Multiplication

Year 3

- The 3 times-table
- The 4 times-table
- The 8 times-table
- Related facts
- Multiply a 2-digit number by a 1-digit number - no exchange
- Multiply a 2-digit number by a 1-digit number - with exchange
- Scaling
- Correspondence problems

... groups of 3 =
 $... \times 3 =$
 $3, ... \text{ times} =$
 $3 \times ... =$

Diagram showing 21×4 broken down into 20×4 and 1×4 .

Tens	Ones
10 10	1
10 10	1
10 10	1
10 10	1

Miss Smith is twice the height of Jo.

hats	scarves
blue	
orange	
purple	

For every hat, there are two possible scarves.
 $3 \times 2 = 6$

There are 6 possibilities altogether.

Year 4 - MTC

Amberley Rapid Maths Clubs
"Sixty Six Club"

1	9 x 7 =	34	11 x 2 =
2	4 x 10 =	35	10 x 5 =
3	9 x 10 =	36	2 x 10 =
4	8 x 8 =	37	9 x 8 =
5	4 x 8 =	38	7 x 8 =
6	4 x 8 =	39	10 x 10 =
7	5 x 5 =	40	11 x 3 =
8	6 x 10 =	41	12 x 2 =
9	7 x 3 =	42	9 x 7 =
10	12 x 6 =	43	7 x 6 =
11	8 x 8 =	44	12 x 4 =
12	8 x 4 =	45	11 x 7 =
13	12 x 3 =	46	2 x 8 =
14	2 x 8 =	47	7 x 4 =
15	7 x 7 =	48	3 x 9 =

MAIN MENU Multiplication Tables Check Time left: 2

3 x 8 = 24

QR code

Play game

Time allowed: 6 seconds
Tables selected: All

Question 1 of 25

MATHSFRAME

Year 4

- Times-table facts to 12×12
- Multiply by 1 and 0
- Multiply 3 numbers
- Factor pairs
- Multiply by 10 and 100
- Related facts
- Mental strategies
- Multiply a 2 or 3-digit number by a 1-digit number
- Scaling
- Correspondence problems

$8 \times 6 = 8 \times 3 \times 2$
 $8 \times 6 = 24 \times 2$


		H	T	O	
			3	4	
	x			5	
		1	7	0	
		1	2		

Division


Year 3

- Divide by 3
- Divide by 4
- Divide by 8
- Related facts
- Divide a 2-digit number by a 1-digit number - no exchange
- Divide a 2-digit number by a 1-digit number - with remainders
- Unit fractions of a set of objects
- Non-unit fractions of a set of objects

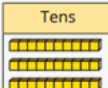



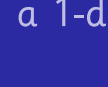

There are ... groups of 4 in ...
 $\dots \div 4 =$



$2 \times 4 = 8$
 $8 \div 4 = 2$



... tens divided by ... is equal to ... tens.
 ... ones divided by ... is equal to ... ones.

Tens	Ones	
		$60 \div 2 = 30$
		$4 \div 2 = 2$
		$64 \div 2 = 32$


Year 4

- Division facts to 12×12
- Divide a number by 1 and itself
- Related facts
- Divide a 2 or 3-digit number by a 1-digit number
- Divide by 10 and 100

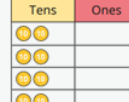

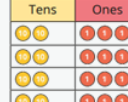

		1	3	
3	3	9		


There are ... groups of ...
 There are ... remaining.

$31 \div 4 = 7 \text{ r}3$





$94 \div 4 = 23 \text{ r}2$

Tens	Ones
	
	

O	Tth	Hth
		

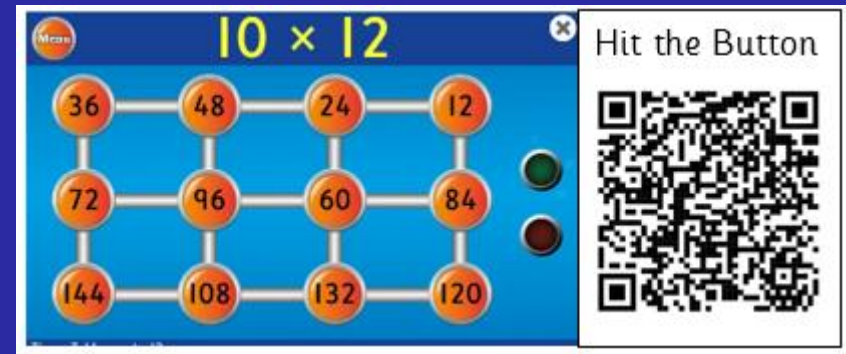
$2 \div 10 = 0.2$

T	O	Tth	Hth
			

$12 \div 10 = 1.2$

Resources

- Maths frame
- Hit the button
- Class webpage links



Hit the Button

10 × 12

36 48 24 12
72 96 60 84
144 108 132 120

Hit the Button

QR code

Hit the Button game interface showing a 3x4 grid of multiplication results for 10 × 12. The numbers are: 36, 48, 24, 12 (top row); 72, 96, 60, 84 (middle row); 144, 108, 132, 120 (bottom row). A QR code is visible on the right side.



Multiplication Tables Check

Time left: 2

3 × 8 = 24

QR code

Play game

1 2 3
4 5 6
7 8 9
0 ENTER

Time allowed: 6 seconds
Tables selected: All

Question 1 of 25

MATHSFRAME

Multiplication Tables Check interface showing a math problem 3 × 8 = 24. It includes a QR code, a play button, a numeric keypad, and a timer.

Online Maths Games

Click on the links below to access fun maths games. Please be aware that these links access materials that we are unable to govern. Adult supervision is advised. Please let us know if any links appear to have broken.

Place Value

[Darts](#)
[Pirates](#)
[Calculator](#)
[Sharks](#)
[Life Boat](#)
[Abacus](#)
[Cards](#)
[Shark Attack](#)
[Place Value Millionaire](#)

Addition

[Funky Mummy to 10](#)
[Add 10 more](#)
[Funky Mummy to 20](#)
[Jet Ski Maths](#)
[Alien Addition](#)
[Tug Boat Addition](#)
[Digit Workout](#)
[Maths Monster](#)
[Addition Pyramid](#)

Subtraction

[Shoot Out](#)
[Minus Mission](#)
[Rabbit Takeaway](#)
[Subtraction Machine](#)
[Speed Grid](#)
[Count On](#)
[Minus Mission](#)

Multiplication and Division

[Hit the Button](#)
[Maths Frame Times Tables check](#)
[Multiplication.com](#)
[Timestables.co.uk](#)
[Super Maths Bowling](#)