

Division

There are 69 tennis balls packed in tubes of 3.

	23	
3	69	
69	÷ 3 =	23
	69	
23	23	23

TOP TIP: the remainder must be smaller than the divisor

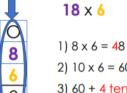
Maths: Number: Multiplication and Division									Facto				
Spring Term: Year 4													
Multiplication from Pictures													
×	1	2	3	4	5	6	7	8	9	10	11	12	Mult
1	1	2	3	4	5	6	7	8	9	10	11	12	
2	2	4	6	8	10	12	14	16	18	20	22	24	Prod
3	3	6	9	12	15	18	21	24	27	30	33	36	
4	4	8	12	16	20	24	28	32	36	40	44	48	
5	5	10	15	20	25	30	35	40	45	50	55	60	Com
6	6	12	18	24	30	36	42	48	54	60	66	72	
7	7	14	21	28	35	42	49	56	63	70	77	84	
8	8	16	24	32	40	48	56	64	72	80	88	96	
9	9	18	27	36	45	54	63	72	81	90	99	108	F
10	10	20	30	40	50	60	70	80	90	100	110	120	
11	11	22	33	44	55	66	77	88	99	110	121	132	
12	12	24	36	48	60	72	84	96	108	120	132	144	
	Commutativity : when we multiply we can swap the numbers around and still get the same answer								x 1				
•			3	x 2	2	=		2	хC	3			

кеу	vocabulary	v
Factor	Numbers that can be multiplied together to get another number.	
Multiple	The product of one number multiplied by another.	
Product	The answer when two numbers are multiplied together.	
Commutative	When you can swap numbers and get the same answer.	

Key Vocabulary

Formal Written Method

Formal written method 2-digit x 1-digit start here



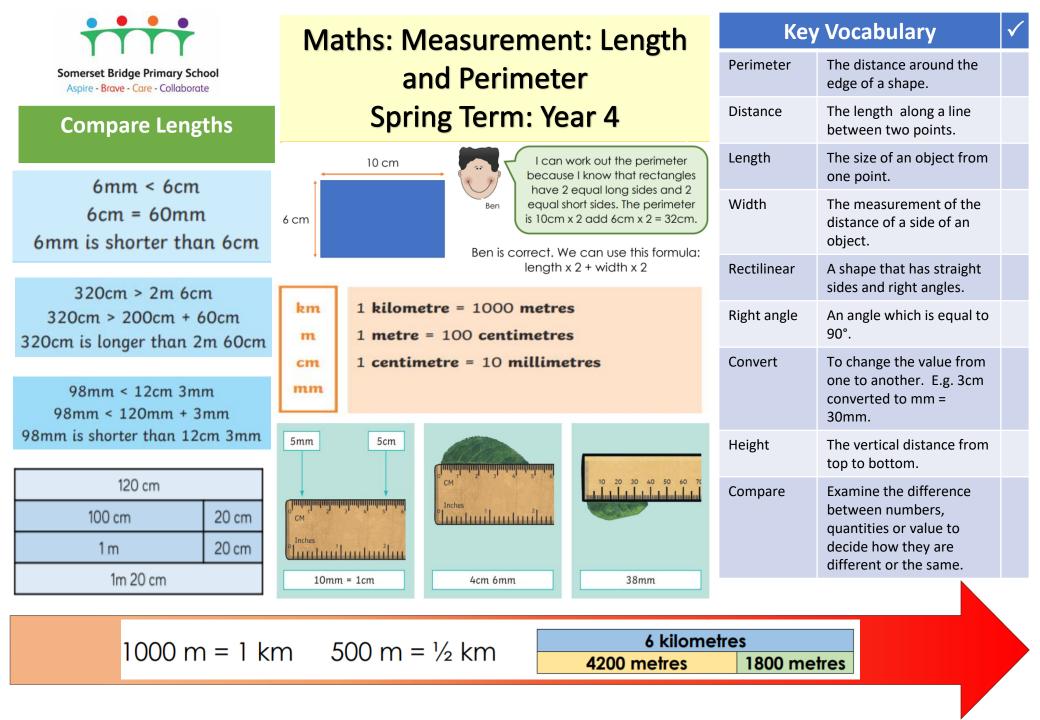
2) 10 x 6 = 60 3) 60 + 4 tens

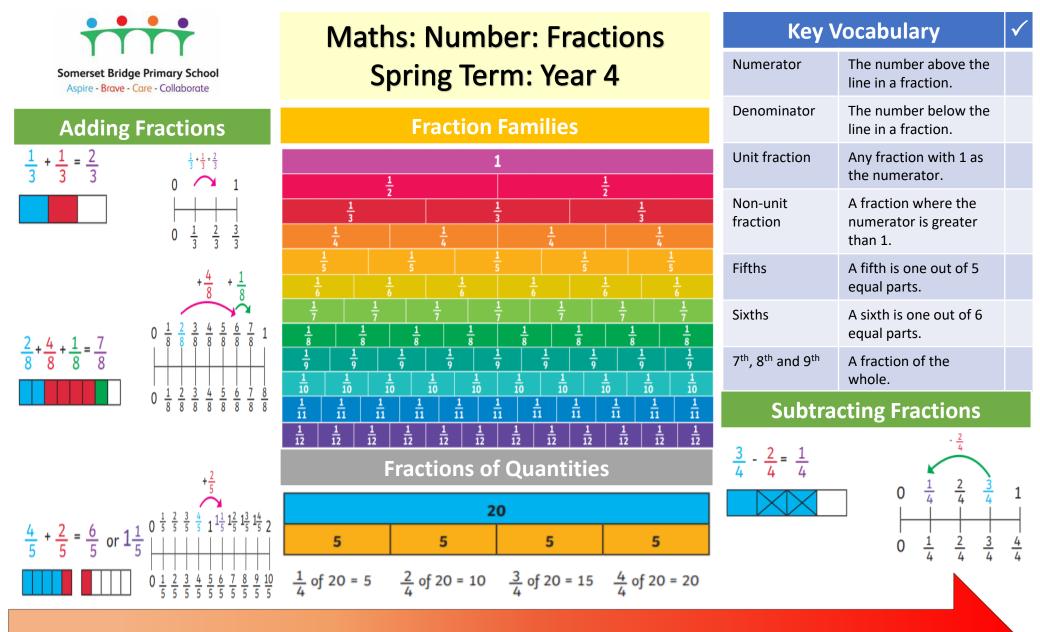
exchanged = 100

A factor is a whole number that when multiplied by another whole number makes a product

 $8 \times 4 = 32$

factor x factor = product





To find a fraction of a number, divide by the denominator and multiply by numerator.

