



THE
**BRAMBLE
ACADEMY**

Year 3

Home Learning

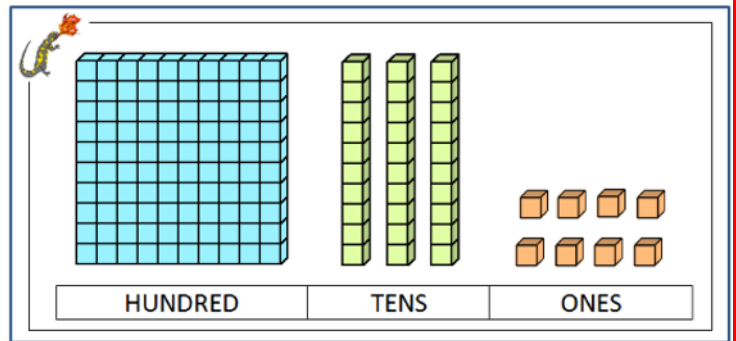


How you can help your
child at home

3 digit place value

Numbers 100 ~ 1000

10	20	30	40	50	60	70	80	90	100
110	120	130	140	150	160	170	180	190	200
210	220	230	240	250	260	270	280	290	300
310	320	330	340	350	360	370	380	390	400
410	420	430	440	450	460	470	480	490	500
510	520	530	540	550	560	570	580	590	600
610	620	630	640	650	660	670	680	690	700
710	720	730	740	750	760	770	780	790	800
810	820	830	840	850	860	870	880	890	900
910	920	930	940	950	960	970	980	990	1000



1

3

8

Column Addition

(no exchange)

	H	T	O	
Check up answer	3	5	1	Start here
	6	3	4	
Add the hundreds	9	8	5	Add the ones
				Add the tens

Column Subtraction

(no exchange)

	H	T	O	
Check up answer	7	6	3	Start here
	3	4	1	
Subtract the hundreds	4	2	2	Subtract the ones
				Subtract the tens

Division Facts

Divided by 3	Divided by 4	Divided by 8
3÷3=1	4÷4=1	8÷8=1
6÷3=2	8÷4=2	16÷8=2
9÷3=3	12÷4=3	24÷8=3
12÷3=4	16÷4=4	32÷8=4
15÷3=5	20÷4=5	40÷8=5
18÷3=6	24÷4=6	48÷8=6
21÷3=7	28÷4=7	56÷8=7
24÷3=8	32÷4=8	64÷8=8
27÷3=9	36÷4=9	72÷8=9
30÷3=10	40÷4=10	80÷8=10
33÷3=11	44÷4=11	88÷8=11
36÷3=12	48÷4=12	96÷8=12

Multiplication Facts

3 times table	4 times table	8 times table
1x3=3	1x4=4	1x8=8
2x3=6	2x4=8	2x8=16
3x3=9	3x4=12	3x8=24
4x3=12	4x4=16	4x8=32
5x3=15	5x4=20	5x8=40
6x3=18	6x4=24	6x8=48
7x3=21	7x4=28	7x8=56
8x3=24	8x4=32	8x8=64
9x3=27	9x4=36	9x8=72
10x3=30	10x4=40	10x8=80
11x3=33	11x4=44	11x8=88
12x3=36	12x4=48	12x8=96

Perimeter

The **perimeter** is the total distance around the outside of a 2D shape.



You calculate the perimeter of a 2D shape by adding together all the lengths of the shape.

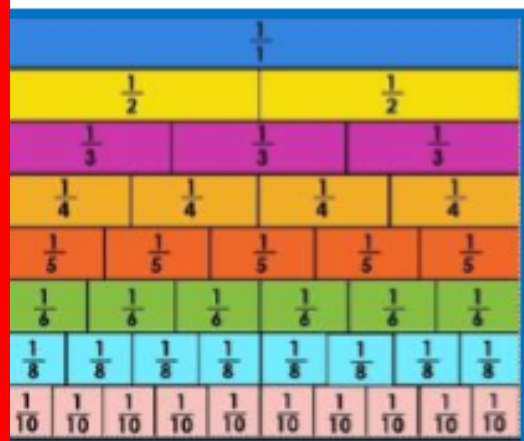


Time

60 seconds = 1 minute
 60 minutes = 1 hour
 24 hours = 1 day
 7 days = 1 week
 365 days = 1 year
 52 weeks = 1 year
 10 years = 1 decade
 100 years = 1 century
 1000 years = 1 millennium

Days in the Month of...

January	31
February	28/29
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31



Measurement conversions

Length

1 kilometre = 1000 metres
 1 metre = 100 centimetres
 1 centimetre = 10 millimetres

km
m
cm
mm

Time vocabulary

O'clock

a.m.

p.m.

Morning

Afternoon

Noon

Midnight

Measurement conversions

Weight

1 tonne = 1000 kilograms
 1 kilogram = 1000 grams
 1 gram = 1000 milligrams

t
kg
g
mg

Tally Chart

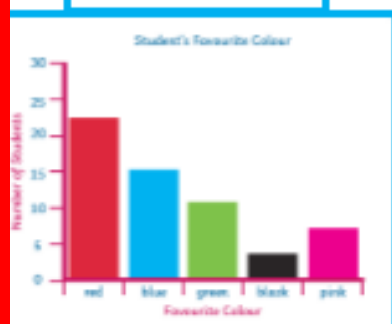
Favorite Animal	Number of Children
Dog	
Cat	
Snake	
Beet	
Horse	
Goose	

Shapes and Angles

Parallel lines never meet
 Like train tracks
 Angles + to 180
 Angles + to 360
 A quadrilateral has 4 sides

Angles are measured in degrees
 acute is less than 90
 obtuse
 right angle
 3 angles + to 180
 This is an isosceles triangle
 These two angles are always equal
 This is a right angled triangle

Bar Graph



Measurement conversions

Capacity

1 litre = 1000 millilitres
 1 centilitre = 10 millilitres

l
cl
ml

Pictogram

Favorite Animal	Number of Children
Dog	
Cat	
Snake	
Beet	
Horse	
Goose	

Numerator

The top number of a fraction

2

Denominator

The bottom number of a fraction

6