

# Year 3 – End of Year Expectations

<p><b><u>Number –Place Value</u></b>  <b>Read, Write and Order:</b>            -up to 1000.            -recognise place value in a 3 digit number (100s, 10,1s).</p> <p><b>Counting on and back:</b>            -From 0 in multiples of 4, 8, 50, and 100.</p> <p>-Find 10 or 100 more/less of a given number.</p>	<p><b><u>Four Operations (see next page for examples)</u></b>  <b>Addition:</b>            -Add up to 3 digit numbers (using column method).</p> <p><b>Subtraction:</b>            -Subtract up to 3 digit numbers (using column method).</p> <p><b>Multiplication:</b>            -2 digit x 1 digit (using the baking tray).</p> <p><b>Division:</b>            -Linked and inverse facts.            e.g. <math>2 \times 4 = 8</math> so <math>8 \div 4 = 2</math></p>
<p><b><u>Measurement</u></b>  <b>Lengths, Weight &amp; Capacity:</b>            -Add and subtract lengths - mm, cm, m, km, g, kg ml, l.</p> <p><b>Area &amp; Perimeter:</b>            -Measure the perimeter of 2D shapes.</p> <p><b>Time:</b>            -Tell and write the time from analogue (Including 24 hour).</p> <p>-Calculate time taken between particular events.</p> <p><b>Time Facts:</b>            -Seconds in a minute, Days in each month, Days in a year.</p> <p><b>Money:</b>            -Add and subtract using money to give change in pounds and pence.</p>	<p><b><u>Times Tables</u></b>            -2,5,10,3,4,8</p> <p><b><u>Multiples</u></b>            -Count in multiples of 4,8,50,100.</p> <p><b><u>Shape - Properties of Shape</u></b>  <b>Shape 2D/3D:</b>            -Draw 2D shapes and make 3D shapes.</p> <p>-Recognise different orientations</p> <p><b>Angles:</b>            -Identify 90 degrees, Acute/ Obtuse angles.</p> <p><b><u>Shape – Position and Direction</u></b>  <b>Rotation:</b>            -Right angles, clockwise and anticlockwise.</p>
<p><b><u>Fractions, Decimals and Percentages</u></b>            -Add and subtract with same denominator <math>\frac{1}{3} + \frac{1}{3}</math>            -Equivalent fractions <math>\frac{1}{2} = 5/10</math>.</p> <p><b>Percentages:</b>            -Vocabulary linked to percentages e.g. <math>\frac{1}{2} = 50\%</math>.</p>	<p><b><u>Statistics</u></b>  <b>Charts:</b>            -Interpret data using bar charts, pictographs and tables.            - Read and interpret scales (2, 5, and 10).</p> <p><b>Mean, Median, Mode, Range:</b>            -Find the Range of a set of data.</p>

# Year 3 Methods

H	T	U	
1	1		
2	4	9	+
1	6	8	
4	1	7	

Column Addition

		9	2	4
-		3	1	8
		6	0	6

Column Subtraction

×	30	5
7	210	35

Multiplication 2 by 1  
(The Baking Tray)

**210 + 35 = 245**

7 x 4 = 28

4 x 7 = 28

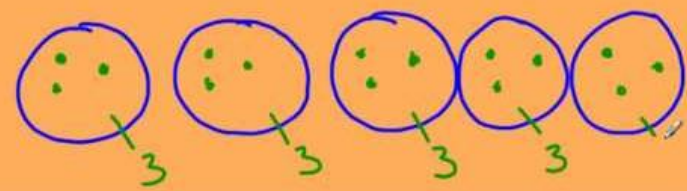
28 ÷ 7 = 4

28 ÷ 4 = 7

Division – Linked and Inverse facts and grouping

Division by Grouping

15 ÷ 5 =



# Year 3 Vocabulary

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## FRACTIONS

part, equal parts  
fraction  
one whole  
one half, two halves  
one quarter, two... three... four quarters  
one third, two thirds, three thirds  
one tenth

## Calculations

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### ADDITION AND SUBTRACTION

+, add, addition, more, plus  
make, sum, total  
altogether  
score  
double, near double  
one more, two more... ten more... one hundred more  
how many more to make...?  
how many more is... than...?  
how much more is...?  
-, subtract, subtraction, take (away), minus  
leave, how many are left/left over?  
one less, two less... ten less... one hundred less  
how many fewer is... than...?  
how much less is...?  
difference between  
half, halve  
=, equals, sign, is the same as  
tens boundary, hundreds boundary

## MULTIPLICATION AND DIVISION

lots of, groups of  
×, times, multiply, multiplication, multiplied by  
multiple of, product  
once, twice, three times... ten times...  
times as (big, long, wide... and so on)  
repeated addition  
array  
row, column  
double, halve  
share, share equally  
one each, two each, three each...

## Handling data

count, tally, sort, vote  
graph, block graph, pictogram  
represent  
group, set  
list, chart, bar chart  
table, frequency table  
Carroll diagram, Venn diagram  
label, title, axis, axes  
diagram  
most popular, most common  
least popular, least common