



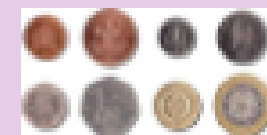
## Maths in Year 3

### Counting and Times Tables

Your child should be able to count in (know their times table facts for) 1s, 2s, 3s, 4s, 5s, 8s, 10s, 50s and 100s.

### Addition and Subtraction

In year 3, your child should be able to add or subtract 3 digit numbers, either mentally or using a formal method. They can apply this to problem-solving and money.



$$\begin{array}{r}
 \text{HTU} \\
 267 \\
 + 85 \\
 \hline
 12 \text{ (7 + 5) Ones (Units)} \\
 140 \text{ (60 + 80) Tens} \\
 \underline{200} \text{ Hundreds} \\
 352
 \end{array}$$

563 - 241, no adjustment or decomposition needed.

Expanded method	leading to
500 + 60 + 3	563
- 200 + 40 + 1	- 241
<hr/>	<hr/>
300 + 20 + 2	322

### Multiplication and Division

Children in year 3 should be able to use their multiplication and division facts for the multiplication tables 2, 3, 4, 5, 8 and 10.

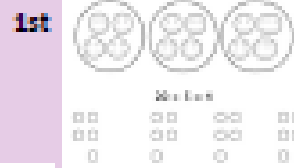
1st

$$\begin{array}{l}
 13 \times 4 = \\
 10 \times 4 = 40 \\
 3 \times 4 = 12 \\
 40 + 12 = 52
 \end{array}$$

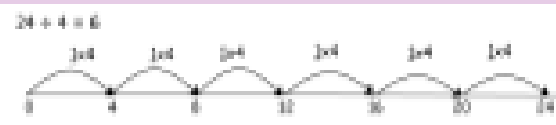
2nd:  $23 \times 8 =$

x	20	3	160
8	160	24	$\begin{array}{r} + 24 \\ \hline 164 \end{array}$

Children partition the 2 digit number, first multiply the tens and then the units, i.e.  $20 \times 8$  then  $3 \times 8$  and finally add them together.



2nd



3rd

$70 \div 5 = 14$

Making and checking on a numberline. Relate to the inverse of multiplication. Ask, how many 5s in 70? 14 lots of 5, 4 lots of 5, how many lots of 5 altogether? 14.



Find 10 and 100 more or less than a given number.

# Fractions

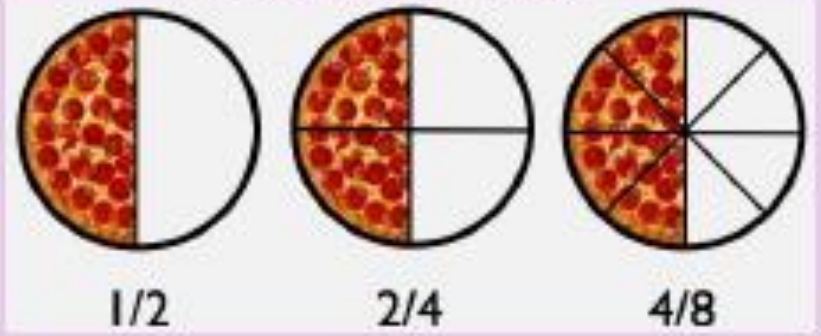
Find fractions of an amount



Count in tenths. Realise that a number or object can be split into ten equal parts by dividing by 10.

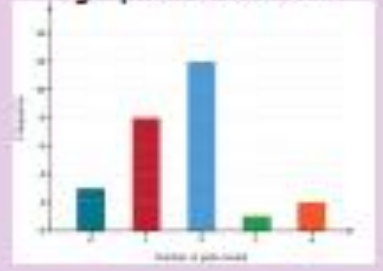


Recognise equivalent fractions



Type of Pet	Tolls	Frequency
Dog	20 20 1	12
Cat	20 1	7
Birds	20 1	6
Buttle	11	3
Hamster	1	2

Draw, read and interpret bar graphs and tables.



Measure lengths (m, cm and mm), mass (kg/g) and volume (l/ml).



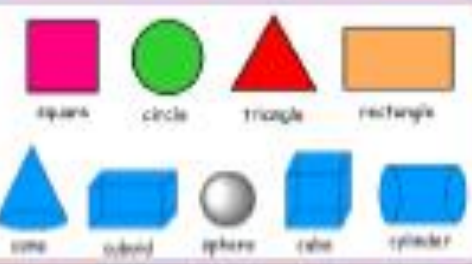
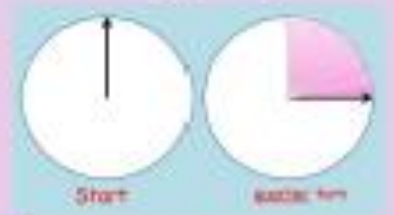
Tell the time



Recognise right-angles and identify if an angle is greater or smaller than a right angle.



Understand angles as a turn. Recognise that 2 right angles make a half-turn.



Recognise, draw and describe 2D and 3D shapes.