



# Maths this week:

AUTUMN TERM 2

13/11/2020

**In Year 3...** This week we have been practicing adding and subtracting two 3-digit numbers using column addition and subtraction, number lines and bar models. Can you help your child with these questions?

$$\begin{array}{r} 672 \\ + 243 \\ \hline \end{array} \quad \begin{array}{r} 507 \\ + 463 \\ \hline \end{array} \quad \begin{array}{r} 451 \\ - 218 \\ \hline \end{array} \quad \begin{array}{r} 726 \\ - 419 \\ \hline \end{array}$$

Dexter bakes 148 biscuits on Monday.  
On Tuesday he bakes 273 more biscuits than he did on Monday.  
How many biscuits did he actually bake on Tuesday?

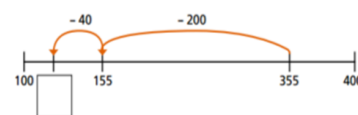
Which numbers are missing?

		H	T	O
		1	0	9
	+		2	
		5		5

Can you use a number line to solve these calculations?

Use the number line to work out the subtraction.

a)  $355 - 240 = \square$



$354 - 186 =$

$487 - 269 =$

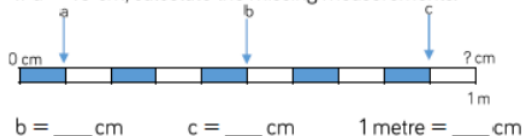
$513 - 195 =$

## In Year 4...

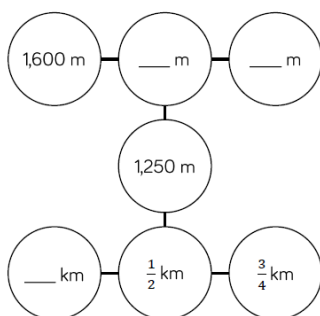
This week in Year 4, we have been investigating equivalent units of length including centimetres, millimetres and metres. We have also looked at kilometres and how to convert km from metres.

Have a go at these questions:

If  $a = 10$  cm, calculate the missing measurements.



Complete the missing measurements so that each line of three gives a total distance of 2 km.



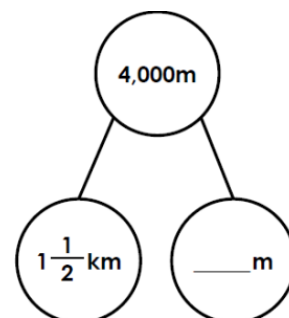
m and cm	cm
	352cm
5m and 25cm	
	185cm
8m and 89cm	
	673cm

Rosie is measuring a sunflower using a 30 cm ruler. Rosie says,



The sunflower is 150 cm tall.

Rosie is incorrect. Explain what mistake she might have made. How tall is the sunflower?



## In Year 5...

This week, we have been continuing on with looking at analysing sets of data in tables and charts. Can you have a go at analysing these tables below and answering the questions?

Fill in the missing gaps and answer the questions below.

	Boys	Girls	TOTAL
Dogs		44	
Cats	38		
TOTAL	125		245

- How many more boys have dogs than girls?
- How many more girls have cats than dogs?
- How many more children have dogs than cats?

1x9=	1x7=
2x9=	2x7=
3x9=	3x7=
4x9=	4x7=
5x9=	5x7=
6x9=	6x7=
7x9=	7x7=
8x9=	8x7=
9x9=	9x7=
10x9=	10x7=
11 x9=	11x7=
12 x9=	12x7=

Item	Cost
Shirt	£8.75
Shorts (1 pair)	£5.95
Socks (1 pair)	£4.15



Altogether, how much does the complete football kit cost?

## In Year 6...

This week we have been learning how to add and subtract fractions. Have a go at this puzzle:

Fill in the blank boxes.

$\frac{2}{\square}$	$\frac{\square}{4}$	$\frac{\square}{8}$	$\frac{1}{2}$	= 3
$\frac{1}{\square}$				
$\frac{3}{\square}$	$\frac{1}{12}$			

||  
5  $\frac{1}{2}$

### Arithmetic Challenge:

1.  $\frac{2}{6} + \frac{1}{3} =$
2.  $56 \times 27 =$
3.  $7708 \div 5 =$
4.  $7545 \div 8 =$
5.  $\frac{3}{6} - \frac{1}{5} =$
6.  $\frac{1}{5} = \frac{?}{50}$
7.  $54.8 + 18 =$
8.  $98 - 28 =$
9.  $7684 \times 74 =$
10.  $0.345 + 3.64 =$
11.  $27.4 \times 3 =$
12.  $\frac{1}{2}$  of 342 =

