



Maths this week:

AUTUMN TERM 1

23/10/2020

In Year 3...

This week in year 3 we have been practicing column addition and subtraction. Can you help your child with these questions?

$$\begin{array}{r} 534 \\ + 45 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 213 \\ + 62 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 304 \\ + 69 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 672 \\ + 16 \\ \hline \\ \hline \end{array}$$

$353 - 200 =$

$416 - 400 =$

$531 - 300 =$

$789 - 500 =$

$564 - 300 =$

$820 - 600 =$

$707 - 500 =$

Use the place value counters to create an addition that equals 689. It must have a 3 digit and a 2 digit number.



| | H | T | O |
|---|---|---|---|
| | | | |
| + | | | |
| | 6 | 8 | 9 |
| | | | |

In Year 4...

This week in Year 4, we have been recapping our ever important times table knowledge. We're focusing on our ability to recall at speed and tackle reasoning questions. Remember to use Times Table Rockstars or The Daily 10 at home!

Complete the bar models and the calculations.



$24 \div 4 = \underline{\quad}$



$\underline{\quad} \div 4 = \underline{\quad}$

If $5 \times 3 = 15$, which number sentences would find the answer to 6×3 ?

- $5 \times 3 + 6$
- $5 \times 3 + 3$
- $15 + 3$
- $15 + 6$
- 3×6

Deeper Learning

Emily is counting in 8s from 32.

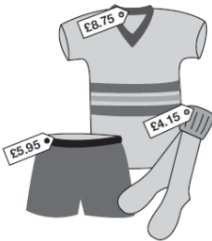
- Name the next three numbers.
- Will she say 68?
- What multiple of 8 will she say before 80?

Explain how you know.

In Year 5...

This week, as part of our home learning we have been looking at reading and interpreting tables and charts. Make sure that you read the tables and charts accurately to gain the correct information. Have a look at these...

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




Altogether, how much does the complete football kit cost?

| | | |
|-----------------------|-----------------------|-----------------------|
| $8 \times 2 =$ _____ | $7 \times 5 =$ _____ | $1 \times 7 =$ _____ |
| $11 \times 7 =$ _____ | $7 \times 10 =$ _____ | $8 \times 6 =$ _____ |
| $4 \times 7 =$ _____ | $8 \times 10 =$ _____ | $7 \times 3 =$ _____ |
| $5 \times 7 =$ _____ | $8 \times 9 =$ _____ | $10 \times 7 =$ _____ |
| $6 \times 7 =$ _____ | $8 \times 5 =$ _____ | $10 \times 8 =$ _____ |
| $7 \times 1 =$ _____ | $8 \times 7 =$ _____ | $7 \times 4 =$ _____ |
| $8 \times 11 =$ _____ | $7 \times 8 =$ _____ | $11 \times 8 =$ _____ |

This table shows the increase in bus fares.

| 1st January | |
|-------------|----------|
| old fare | new fare |
| 42p | 48p |
| 52p | 57p |
| 60p | 72p |
| 75p | 85p |
| 90p | £1.05 |
| £1.20 | £1.28 |



Sohan's **new** bus fare is 72p.
How much has his bus fare gone up?

P

This table shows the cost of sending a letter.

| Mass | Cost in pence | |
|----------------|---------------|--------------|
| | first class | second class |
| up to 60 g | 26 | 20 |
| 61 g to 100 g | 39 | 31 |
| 101 g to 150 g | 49 | 38 |
| 151 g to 200 g | 60 | 45 |
| 201 g to 250 g | 70 | 55 |

Paul is sending a letter.
It costs 38p **second class**.
How much would it cost him to send it **first class**?

P

In Year 6...

This week we have been learning about how to find equivalent fractions, how to convert to mixed numbers and how to simplify fractions. Have a try at this recap:

Here are some fraction cards.
All of the fractions are equivalent.

$\frac{4}{A}$

$\frac{B}{C}$

$\frac{20}{50}$

$A + B = 16$
Calculate the value of C.

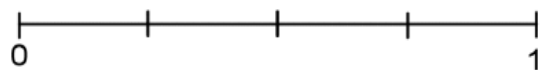
Tommy is simplifying $4 \frac{12}{16}$

$$4 \frac{12}{16} = 1 \frac{3}{4}$$

Explain Tommy's mistake.

After half term we will be taking our topic of fractions on to look at fractions on a number line and comparing and ordering fractions. Have a try at these questions:

On the number line place $\frac{2}{8}, \frac{4}{8}, \frac{1}{4}, \frac{7}{8}, \frac{3}{16}$



Which other fractions, with different denominators can be placed on the number line?

Complete the circles using $<$, $>$ or $=$

$\frac{3}{5} \bigcirc \frac{4}{7}$

$\frac{2}{6} \bigcirc \frac{1}{4}$

$2\frac{1}{5} \bigcirc 2\frac{3}{8}$

$\frac{7}{8} \bigcirc \frac{4}{6} \bigcirc \frac{3}{4}$

