# Year 5 and 6 Maths at Tadpole Farm 

This booklet has been written to help you understand the methods used in mathematics in our year group. These methods will be taught as part of the maths lessons and revisited through their home learning. We would encourage parents to use the same methods so that the children can become confident with them.

## Addition



## Subtraction

$$
\begin{aligned}
& \text { Year } 5 \\
& 673^{2} 31 \\
& \text {-12 } 123 \\
& 55208 \\
& \text { 456. }{ }^{2} \text {. } 2 \\
& \frac{-242.14}{214.18} \\
& 8952^{5} 6^{\prime} 4 \\
& \begin{array}{ll}
\frac{-235245}{} \begin{array}{l}
94624.21
\end{array} \\
\hline 660019 & \frac{22312.03}{72312.18}
\end{array} \\
& 3.65 \mathrm{~km}-2804 \mathrm{~m}=?
\end{aligned}
$$

Multiplication

Year 5


Year 6


## Division

Year 5
Year 6

$432 \div 15$ becomes


Fractions
Subtract Fractions
(31

$$
\frac{5}{6}-\frac{1}{4}
$$

$\begin{aligned} & \text { Subtract } \\ & \text { fractions } \\ & 6\end{aligned}-\frac{1}{4}=\frac{10}{12}-\frac{3}{12}=\frac{7}{12}$

$$
Q: \frac{4}{5} \div \frac{2}{6}=?
$$

leave the first, change the sign, flip the second

$$
\frac{4}{5} \times \frac{6}{2}=\frac{24}{10}=2 \frac{4}{10}=2 \frac{2}{5}
$$

$$
\frac{4}{5} \times \frac{3}{7}=\frac{4 \times 3}{5 \times 7}=\frac{12}{35}
$$

## Decimals

## Addition and Subtraction of

 Decimals and Whole Numbers

Subtraction

$$
\begin{array}{r}
\text { (9) } \\
8 . \varnothing \varnothing \\
8.0 \\
-\quad 2.25 \\
\hline 3.75
\end{array}
$$

| Addition |
| ---: |
| $1 \quad 5.00$ |
| +12.56 |
| 27.56 |



So, $2.2 \times 1.2=2.64$

Percentages

$$
\begin{gathered}
30 \% \text { of } 20=? \\
=\frac{30}{100} \times 20=\frac{30 \times 20}{100} \\
=\frac{600}{100}=6
\end{gathered}
$$



