

# Margaret Wix Primary School



## Year 5

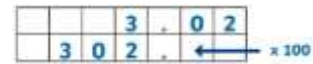
### Basic Number Facts Parent Information Sheet

**Place value of numbers up to one million and with up to three decimal places:** Identifying the value of digits in given numbers



**Multiply and divide by 10, 100 and 1000:** understanding place value including numbers with one decimal place

$$3.02 \times 100 = 302$$



**Multiplication and division facts:** Quick recall of multiplication and division facts up to and including  $12 \times 12$



**Factor pairs:** Identifying pairs of numbers that multiply to create a given total

**Factor pairs of 15**  
1 and 15  
3 and 5

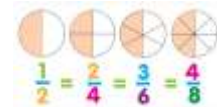
**Prime numbers:** Identifying prime numbers (numbers that have only two factors – themselves and one)



**Finding fractions of quantities:** Calculating a non-unit fraction of a given number resulting in an answer that is a whole number.

To find  $\frac{4}{9} \times 72$ , I could divide 72 by 9 and then multiply the answer by 4.

**Equivalent fractions:** Identifying fractions that are equal even though they have different numerators and denominators.



**Adding and subtracting fractions:** Adding and subtracting fractions with the same denominator.

$$\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$

**Adding and subtracting fractions:** Adding and subtracting fractions with different denominators.

$$\frac{2}{3} - \frac{1}{2} = \frac{4}{6} - \frac{3}{6} = \frac{4-3}{6} = \frac{1}{6}$$

**Fractions, decimals and percentages:** express parts per hundred as fractions, decimals and percentages.

% means 'out of every hundred'.

24% means 24 out of every hundred.

We can also write this as  $\frac{24}{100}$  and 0.24

**Scaling percentages:** Find an equivalent fraction with a denominator of 100 in order to convert to a percentage.



Once the denominator is 100 then we can convert the fraction into a percentage.

Here, we scaled the numerator and denominator by 5 to get to a denominator of 100.

Sometimes we need to divide to find equivalent fractions.

**Converting measures:** Converting common metric units of measure.

