

# Year 5 Maths @ Home

Plus all of the Year 4 outcomes

## Counting and Ordering

- I can count forward and backwards through zero with positive and negative numbers.
- I can count forwards and backwards in steps of powers of ten for any given number up to 1,000,000. (e.g. 4, 1004, 2004 or 100,007, 90,007, 80,007)
- I can compare and order numbers with 3 decimal places. (e.g. 5.687, 5.792, 5.834)
- I can read Roman numerals up to 1000

## Calculations

- I can add and subtract numbers with more than four digits using an efficient written method.
- I can add and subtract numbers with up to two decimal places. (eg 23.87-14.09)
- I can multiply a four digit number by a 1 or 2 digit number.
- I can divide a four digit number by a 1 digit number.
- I can multiply and divide whole numbers and decimals by 10, 100 and 1000. (eg  $3.4 \times 1000$ )

## Fractions and Percentages

- I can count up and down in thousandths. (eg, 8.678, 8.679, 8.680)
- I can recognise mixed numbers and improper fractions and convert from one to the other. (eg  $2 \frac{1}{2} = 5$  halves)
- I can multiply proper fractions by whole numbers (eg  $\frac{3}{4} \times 6$ )

## Measures and Time

- I can solve time problems using timetables and converting between different units of time. (e.g. convert 4 and a half hours to minutes)
- I can understand and use approximate equivalences between metric and common imperial units. (eg 1 inch = 2.5cm)

## Tables and Multiples

- I can identify all factors and multiples including finding factor pairs.
- I can use known tables to derive other number facts. (eg if I know  $45 \times 12 = 540$ , I know that  $45 \times 13 = 585$ )

## Numbers, Place Value and Rounding

- I can recognise the place value of any number up to 1,000,000.
- I can round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 or 100,000.
- I can round decimals with 2 decimal places to the nearest whole number and 1 decimal