



Year Four Mental Maths Objectives

- *Count in multiples of 6, 7 9, 25 and 1000*
e.g. What are the next three numbers 175, 200, 225?
- *Find 1000 more or less than a given number*
e.g. What is 1000 more than 37,856?
- *Count backwards through zero to include negative numbers*
e.g. What are the next three numbers? 2, 1, 0
- *Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, ones)*
e.g. What is the value of the 7 in 7159?
- *Order and compare numbers beyond 1000*
e.g. Order these numbers, largest first: 9716 18,178 14,984
- *Round any number to the nearest 10, 100 or 1000*
e.g. Round 14,513 to the nearest hundred
- *Add and subtract two - digit numbers*
e.g. Add together 34 and 49
- *Add and subtract three - digit numbers (tens and ones do not cross tens barrier)*
e.g. What is the sum of 413 and 823?
- *Recall and use multiplication and division facts for multiplication tables up to 12×12*
e.g. What is $108 \div 9$?
- *Use place value, known facts and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers.*
e.g. What is 467×100 ?
- *Double and halve two - digit numbers*
e.g. What is double 79?

- *Count up and down in hundredths*
e.g. What are the next three fractions? $98/100$, $99/100$, 1
- *Add and subtract fractions with the same denominator*
e.g. What is $6/8 + 5/8$?
- *Recognise and write decimal equivalents to $1/4$, $1/2$, $3/4$ or any tenths or hundredths*
e.g. Write $7/100$ as a decimal
- *Find the effect of dividing a one or two - digit number by 10 and 100*
e.g. What is $34 \div 100$?
- *Round decimals with one decimal place to the nearest whole number*
e.g. Round 3.7 to the nearest whole number
- *Compare numbers with the same number of decimal places up to two decimal places*
e.g. Order these numbers, smallest first 3.41, 3.49, 3.14
- *To begin to recall equivalent measures*
e.g. $100\text{cm} = 1\text{m}$, $1000\text{m} = 1\text{km}$, $1000\text{ml} = 1\text{l}$, $1000\text{g} = 1\text{kg}$
 $60\text{secs} = 1\text{minute}$, $60\text{mins} = 1\text{hour}$

1 2 3 4.5