

Maths Recall Facts

The following are skills which if practised regularly, will make problem solving easier and more efficient.

1. Times tables recall should be rapid and thorough and applicable in a variety of situations.

They should be able to answer these questions in any order, including missing number questions e.g. $7 \times \bigcirc = 28$ or $\bigcirc \div 6 = 7$ or How many 7's are in 42?

Children who have already mastered their times tables should apply this knowledge to answer questions including decimals e.g. $0.7 \times \bigcirc = 4.2$ or $\bigcirc \div 60 = 0.7$ and larger numbers 40×6 and 400×60 .

Further they will multiply single digit by any double digit number.

2. Count forwards and backwards from any number in:

25s, 50s, 100s, 1000s (Harder than you think!)

3. Count forwards and backwards from any number using decimals:

0.5, 0.75, 1.25 (Even harder!)

For these number skills, start by counting from 0, then from 100. From there start branching out to any multiple of 5. To increase the difficulty, choose any number randomly by rolling some dice or drawing some playing cards.

4. Know these facts:

$$\frac{1}{2} = 0.5$$

$$\frac{1}{4} = 0.25$$

$$\frac{3}{4} = 0.75$$

$$\frac{1}{10} = 0.1$$

$$\frac{1}{5} = 0.2$$

$$\frac{3}{5} = 0.6$$

$$\frac{9}{10} = 0.9$$

$$\frac{1}{100} = 0.01$$

$$\frac{7}{100} = 0.07$$

$$\frac{21}{100} = 0.21$$

$$\frac{75}{100} = 0.75$$

$$\frac{99}{100} = 0.99$$

Key Vocabulary

How many **tenths** is 0.8?

How many **hundredths** is 0.12?

Write 0.75 as a **fraction**?

Write $\frac{1}{4}$ as a **decimal**?

5.

1 kilogram = 1000 grams
1 kilometre = 1000 metres
1 metre = 100 centimetres
1 metre = 1000 millimetres
1 centimetre = 10 millimetres
1 litre = 1000 millilitres

They should also be able to apply these facts to answer questions.

e.g. How many metres in $1\frac{1}{2}$ km?