Key Instant Recall Facts

Challenge 3.4

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Before moving on to the next challenge, children should know the following facts. The aim is for them to recall these facts **instantly**.

Your child's KIRF this half term is: 8 times table facts.

E.g. $8 \times 2 = 16$, $8 \times 5 = 40$, $4 \times 8 = 32$, $8 \times 12 = 96$

In addition you can help by practicing the following:

Compare unit fractions	Write <, > or = to compare the fractions. $\frac{1}{4} \bigcirc \frac{1}{5}$ $\frac{1}{2} \bigcirc \frac{1}{10}$
Equivalent fractions	Use the bar models to find the equivalent fractions. $\frac{1}{4} = \frac{\square}{8}$ $\frac{6}{9} = \frac{\square}{6}$
Measure in grams & kilograms	The toy car has a mass of 4 kg and _____ g. The toy train has a mass of _____ kg and _____ g.
Measure in litres & millilitres	What is the volume of water in each jug?

Top Tips

The secret to success is practicing little and often. Use time wisely. Can you practice these KIRFs while walking to school or during a car journey? You do not need to practice them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.
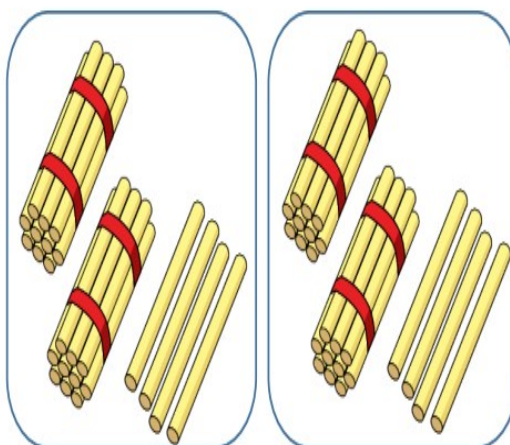
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Effective Participators

Children will learn division using the following methods.

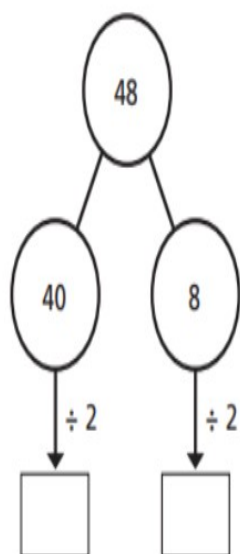| Skill: Divide 2-digits by 1-digit (sharing with no exchange)	Year: 3

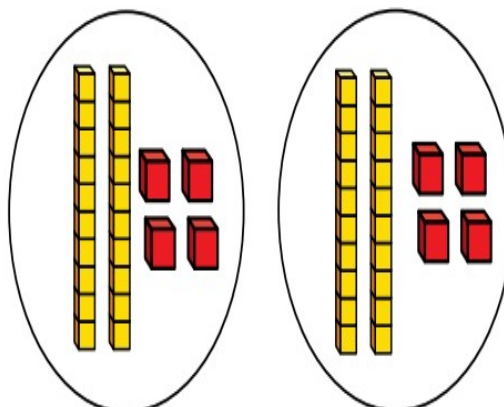| Tens	Ones
10 10	1 1 1 1
10 10	1 1 1 1

$$48 \div 2 = 24$$

48

40   8

÷ 2   ÷ 2

When dividing larger numbers, children can use manipulatives that allow them to partition into tens and ones.

Straws, Base 10 and place value counters can all be used to share numbers into equal groups.

Part-whole models can provide children with a clear written method that matches the concrete representation.