



Key Instant Recall Facts

Year 4 – Spring 1

I know the multiplication and division facts for the 11 and 12 times tables.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

$11 \times 1 = 11$	$11 \div 11 = 1$	$12 \times 1 = 12$	$12 \div 12 = 1$
$11 \times 2 = 22$	$22 \div 11 = 2$	$12 \times 2 = 24$	$24 \div 12 = 2$
$11 \times 3 = 33$	$33 \div 11 = 3$	$12 \times 3 = 36$	$36 \div 12 = 3$
$11 \times 4 = 44$	$44 \div 11 = 4$	$12 \times 4 = 48$	$48 \div 12 = 4$
$11 \times 5 = 55$	$55 \div 11 = 5$	$12 \times 5 = 60$	$60 \div 12 = 5$
$11 \times 6 = 66$	$66 \div 11 = 6$	$12 \times 6 = 72$	$72 \div 12 = 6$
$11 \times 7 = 77$	$77 \div 11 = 7$	$12 \times 7 = 84$	$84 \div 12 = 7$
$11 \times 8 = 88$	$88 \div 11 = 8$	$12 \times 8 = 96$	$96 \div 12 = 8$
$11 \times 9 = 99$	$99 \div 11 = 9$	$12 \times 9 = 108$	$108 \div 12 = 9$
$11 \times 10 = 110$	$110 \div 11 = 10$	$12 \times 10 = 120$	$120 \div 12 = 10$
$11 \times 11 = 121$	$121 \div 11 = 11$	$12 \times 11 = 132$	$132 \div 12 = 11$
$11 \times 12 = 132$	$132 \div 11 = 12$	$12 \times 12 = 144$	$144 \div 12 = 12$

Key Vocabulary

What is 8 **multiplied by** 11?

What is 6 **times** 12?

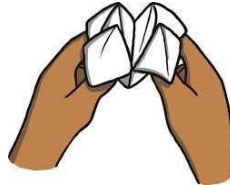
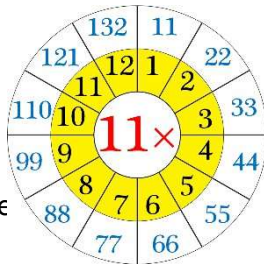
What is 24 **divided by** 12?

12x Table Flash Cards

7×12	84
8×12	96
9×12	108



Scan the QR code to take you to the 'Hit the Button' game.



Top Tips

Look for patterns – These times tables are full of patterns for your child to find. How many can they spot?

Use your ten times table – What happens if you add your original number instead?
(e.g. $7 \times 10 + 7 = 70 + 7 = 77$)

What do you already know? – Your child will already know many of these facts from the 2, 3, 4, 5, 6, 8 and 10 times tables. It might be worth practising these again!

Online songs – <https://www.bbc.co.uk/teach/supermoovers/times-table-collection/z4vv6v4>

Online games - <https://www.topmarks.co.uk/maths-games/hit-the-button>
<https://www.topmarks.co.uk/maths-games/mental-maths-train>

Create a fortune teller to practise -

https://www.lanhariprimary.com/resources/home_learning/class_5/blended_1/Group%20Glas%20Fortune%20Teller.pdf

They should be able to answer these questions in any order, including missing number questions e.g. $9 \times \bigcirc = 99$ or $\bigcirc \div 12 = 8$.



Key Instant Recall Facts

Year 5 – Spring 1

I can recall metric conversions.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

1 kilogram = 1000 grams

1 kilometre = 1000 metres

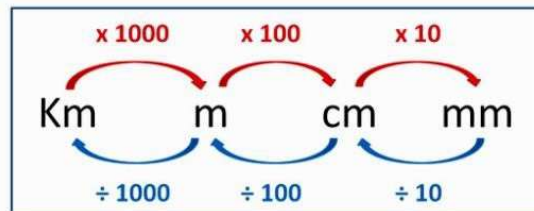
1 metre = 100 centimetres

1 metre = 1000 millimetres

1 centimetre = 10 millimetres



1 litre = 1000 millilitres



5km = ? m **Need to $\times 1000$** $5 \times 1000 = 5000\text{m}$ ✓
120cm = ? m **Need to $\div 100$** $120 \div 100 = 1.2\text{m}$ ✓

Key Vocabulary

Kilogram (kg)

Gram (g)

Kilometre (km)

Metre (m)

Centimetre (cm)

Millimetre (mm)

Litre (l)

Millilitres (ml)

Convert 100mm to cm.

How many metres are **equivalent** to one kilometre?

They should also be able to apply these facts to answer questions.
e.g. How many metres in $1\frac{1}{2}$ km?

Top Tips

Look at the prefixes – Can your child work out the meanings of *kilo-*, *centi-* and *milli-*? What other words begin with these prefixes?

Be practical – Help out in the kitchen and follow a recipe. Do some baking/cooking and convert the measurements in the recipe or get crafty and practise measuring using a variety of units.

How far? – Calculate some distances using unusual measurements. How tall is your child in mm? How far away is London in metres?

Measure up – measure the length, mass and volume of different items in your home. Show the measurements in different units of measures.

Online tutorials – BBC bitesize explains metric conversions and has quizzes too...[Converting metric units - Maths - Learning with BBC Bitesize - BBC Bitesize](#)

Play games - [Metric Units \(transum.org\)](#)

