



# Key Instant Recall Facts

Year 6 – Spring

**I can multiply and divide by multiples of 1,000.**

**Children have already learnt to recall times tables facts related to multiples of 10 and 100. This learning extends this to thousands.**

**Examples of this new target include:**

<b>3,000 x 9</b>	<b>5 x 2,000</b>	<b>8,100 ÷ 9</b>
<b>5,000 x 8</b>	<b>12 x 3,000</b>	<b>5,400 ÷ 6</b>
<b>6 x 7,000</b>	<b>6,000 ÷ 6</b>	<b>144,000 ÷ 12</b>

## Top tips to help with learning:

The secret to success is practising **little** and **often**. Use time wisely.

Can you practise these KIRFs while walking to school or during a car journey?

You don't need to practise them all at once: perhaps you could have a fact of the day.

It is worth revising tables facts regularly to keep them sharp and accurate.

### Chain facts:

Make chains of related facts to show how when we know one fact, we can connect these to other facts.

Use a time limit e.g. 2 minutes to find as many related facts for a table fact as possible.

Repeat – Can you beat your score? Can you find as many facts in 1 minute and 30 seconds?

### Find the odd facts out:

Give three or more facts e.g.  $7 \times 8,000$   $700 \times 8$   $56,000 \div 8$  Which is the odd one out and why? Can you replace the incorrect fact with a correct one?

### Web links:

[Daily 10 - Mental Maths Challenge - Topmarks](#)

[Multiplication Games for Kids Online - SplashLearn](#)



# Key Instant Recall Facts

## Year 6 – Spring

**I know decimal/fraction equivalents for fifths and eighths.**

**I know equivalents between simple fractions, decimals and percentages.**

$\frac{1}{4}$	0.25	25%		$\frac{1}{3}$	0.333	33.3%		$\frac{2}{10}$	0.2	20% and other tenths to ten tenths.
$\frac{1}{2}$	0.5	50%		$\frac{2}{3}$	0.666	66.6%		$\frac{1}{25}$	0.04	4%
$\frac{3}{4}$	0.75	75%		$\frac{1}{10}$	0.1	10%		$\frac{2}{25}$	0.08	8% and other fractions with 25 as a denominator.

**These above facts were all learnt in Year 5 and would be worth revisiting before adding the new facts.**

$\frac{1}{5}$	0.2	20%		$\frac{2}{5}$	0.4	40%
$\frac{3}{5}$	0.6	60%		$\frac{4}{5}$	0.8	80%
$\frac{1}{8}$	0.125	12.5%		$\frac{2}{8}$	0.25	25%
$\frac{3}{8}$	0.375	37.5%		$\frac{4}{8}$	0.5	50%
$\frac{5}{8}$	0.675	67.5%		$\frac{6}{8}$	0.75	75%
$\frac{7}{8}$	0.875	87.5%				

Top tips to help with learning:

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You don't need to practise them all at once: perhaps you could have a fact of the day.

**Web links:**

[Daily 10 - Mental Maths Challenge - Topmarks](#) – level 6 fractions, decimal equivalents.

[Match Fractions Decimals and Percentages - Mathsframe](#)

[Decention Jr | Fractions, Decimals and Percent | Math Playground](#)

[Matching Fractions, Decimals and Percentages \(maths.org\)](#)