



Year 4 Summer 1 KIRFS

Key Instant Recall Facts (KIRFs) are designed to support the development of the arithmetic skills that underpin all maths learning in school. KIRFs help reduce the cognitive load when learning maths and greatly support the development of mental maths agility.

Recall all 12 times tables.

6 fact challenge:

$$6 \times 6 = 36$$

$$6 \times 7 = 42$$

$$7 \times 7 = 49$$

$$9 \times 6 = 54$$

$$9 \times 7 = 63$$

$$9 \times 9 = 81$$

Dividing 1- and 2-digit numbers by and 100

www.teachers-of-primary.co.uk

To divide any number by ten...

The decimal point does not move and the digits move **ONE PLACE** to the **RIGHT**. Remember to add zeros if needed!

Tens	Ones	Tenths	Hundredths
	8	.	

$\div 10$ The number is now 10 times smaller!

Maths Teaching Resources

www.teachers-of-primary.co.uk

To divide any number by 100...

The decimal point does not move and the digits move **TWO PLACES** to the **RIGHT**. Remember to add zeros if needed!

Tens	Ones	Tenths	Hundredths
	8	.	0

$\div 100$ The number is now 100 times smaller!

Maths Teaching Resources

Equivalent fractions

You can make equivalent fractions by multiplying or dividing the numerator and denominator by the same number.

$$\frac{1}{3} \xrightarrow{\times 2} \frac{2}{6} \xrightarrow{\times 2} \frac{4}{12} \xrightarrow{\times 2} \frac{8}{24} \xrightarrow{\times 2} \frac{16}{48}$$

Decimal equivalents halves and quarters

$$\frac{1}{2} = 0.5 \quad \frac{1}{4} = 0.25 \quad \frac{3}{4} = 0.75$$