



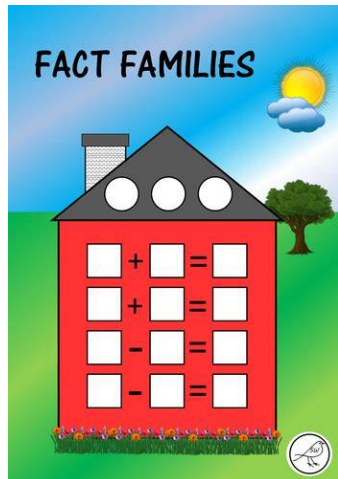
Key Instant Recall Facts

Year 6 – Autumn 1



Don't forget to
have a go at
Times Tables
Rockstars

Help support your child by ensuring they know these facts by half term. The aim is for every child to be able to recall these facts instantly.



Fact families are made up of 3 numbers and show us how they are related to each other in a calculation.

“I know the fact families for all times tables up to 12 x 12.”

$$\begin{array}{ll} 3 \times 8 = 24 & 3 \times 9 = 27 \\ 8 \times 3 = 24 & 9 \times 3 = 27 \\ 24 \div 8 = 3 & 27 \div 9 = 3 \\ 24 \div 3 = 8 & 27 \div 3 = 9 \end{array}$$

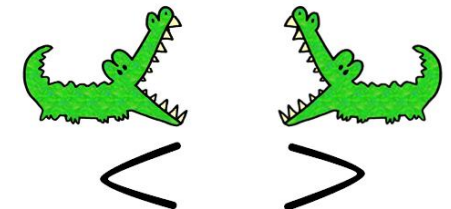
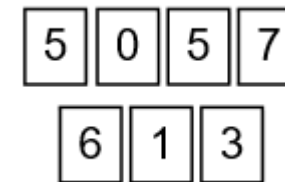
Don't settle for just one fact, see if you can get all four! Buy 1 Get 3 Free!

Missing number Questions

$$6 \times \bigcirc = 36 \qquad 56 \div \bigcirc = 8$$

New Learning Challenge:

“I can order numbers with up to 7 digits from smallest to largest.”



Can you use these 7 number cards to make as many 7-digit numbers as possible. Then order them from smallest to largest.



Key Instant Recall Facts

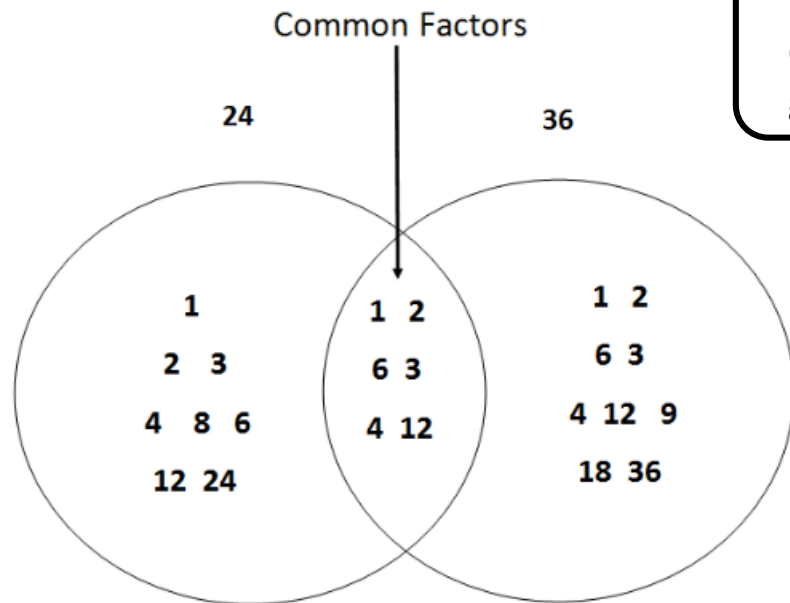
Year 6 – Autumn 2



Don't forget to
have a go at
Times Tables
Rockstars

Help support your child by ensuring they know these facts by the Christmas holidays. The aim is for every child to be able to recall these facts instantly.

“ I can identify the common factors for a pair of numbers.”



Factors are numbers we can **multiply together** to get another number.

The greatest common factor of 24 and 36 is
12.

Fractions, Decimals, Percentages

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

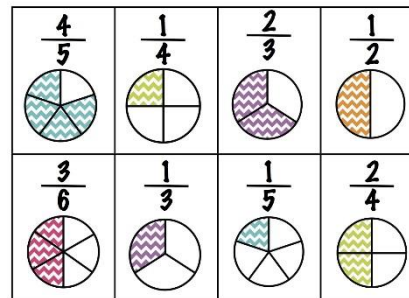
$$20\% = 0.2 = \frac{2}{10}$$

$$25\% = 0.25 = \frac{1}{4}$$

$$50\% = 0.5 = \frac{1}{2}$$

New Learning Challenge:

“I can compare and order fractions.”



Can you
compare the
fractions?



Key Instant Recall Facts

Year 6 – Spring 1



Don't forget
to keep
being a
Times table
Rockstar!

Help support your child by ensuring they know these facts by February Half Term.
The aim is for every child to be able to recall these facts instantly.

“I can convert between decimals, fractions and percentages.”

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{1}{3}$	0.33	33.33%
$\frac{1}{4}$	0.25	25%
$\frac{1}{5}$	0.2	20%
$\frac{1}{10}$	0.1	10%
$\frac{1}{20}$	0.05	5%
$\frac{4}{10}$	0.4	40%
$\frac{6}{10}$	0.6	60%
$\frac{7}{10}$	0.7	70%
$\frac{8}{10}$	0.8	80%
$\frac{9}{10}$	0.9	90%

“ I can find percentages of amounts.”

50% of £100 = £50

1% of £100 = £1

10% of £100 = £10

5% of £100 = £5

25% of £100 = £25

New Learning Challenge:

“I can multiply decimal numbers by a whole number.”

$$9 \times 0.7 = 6.3$$

$$3 \times 0.8 = 2.4$$

$$7 \times 0.06 = 0.42$$

Use your times
table
knowledge
then divide
your answer
by 10 or 100.



Key Instant Recall Facts Year 6 – Spring 2



Don't forget
to keep
being a
Times table
Rockstar!

Help support your child by ensuring they know these facts by Easter.
The aim is for every child to be able to recall these facts instantly.

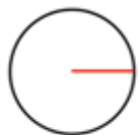
"I can recall all the primes numbers up to 50."

2, 3, 5, 7, 11, 13, 17, 19, 23,

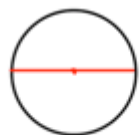
27, 29, 31, 37, 41, 43, 47

A prime number is
a number which
can only be
divided by 1 and
itself.

"I know the parts of a circle."



Radius



Diameter



Circumference

New Learning Challenge:

"I can use simple algebraic formulae."

$$a = 12$$

$$2a + 14 = 38$$

$$a \times a = 144$$

$$3a - 7 = 29$$

$$4a \div 2 = 24$$

