



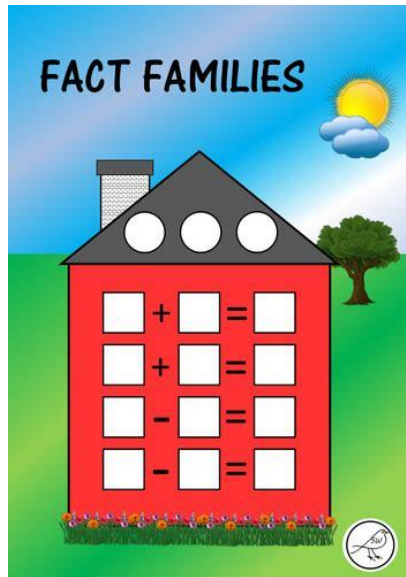
Key Instant Recall Facts

Year 4 – 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.

Number Bonds to 100

$$60 + 40 = 100$$

$$40 + 60 = 100$$

$$100 - 40 = 60$$

$$100 - 60 = 40$$

$$70 + 30 = 100$$

$$30 + 70 = 100$$

$$100 - 30 = 70$$

$$100 - 70 = 30$$

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

Missing number Questions

$$49 + \bigcirc = 100$$

$$100 - \bigcirc = 63$$

New Learning Challenge:

Counting in multiples of 25

25, 50, 75, 100, 125, 150...

Counting in multiples of 9

9, 18, 27, 36, 45, 54, 63....



Can you spot the patterns?



Key Instant Recall Facts

Year 4 – 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.

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

“I know my fact families for the **6 times table!**”

$$2 \times 6 = 12 \quad 6 \times 2 = 12 \quad 12 \div 6 = 2 \quad 12 \div 2 = 6$$
$$3 \times 6 = 18 \quad 6 \times 3 = 18 \quad 18 \div 6 = 3 \quad 18 \div 3 = 6$$

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

Missing number Questions

$$3 \times \bigcirc = 18$$

$$\bigcirc \div 6 = 11$$

New Learning Challenge:

“I know how to multiply by 0 and 1.”

$$36 \times 0 = 0 \quad 36 \times 1 = 36$$

“I know how to multiply and divide by 10 and 100.”

$$24 \times 10 = 240 \quad 38 \div 10 = 3.8$$





Key Instant Recall Facts

Year 4 – 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 know my multiplication and division facts for my 9 and 11 times table."

$9 \times 1 = 9$	$9 \div 9 = 1$	$11 \times 1 = 11$	$11 \div 11 = 1$
$9 \times 2 = 18$	$18 \div 9 = 2$	$11 \times 2 = 22$	$22 \div 11 = 2$
$9 \times 3 = 27$	$27 \div 9 = 3$	$11 \times 3 = 33$	$33 \div 11 = 3$
$9 \times 4 = 36$	$36 \div 9 = 4$	$11 \times 4 = 44$	$44 \div 11 = 4$
$9 \times 5 = 45$	$45 \div 9 = 5$	$11 \times 5 = 55$	$55 \div 11 = 5$
$9 \times 6 = 54$	$54 \div 9 = 6$	$11 \times 6 = 66$	$66 \div 11 = 6$
$9 \times 7 = 63$	$63 \div 9 = 7$	$11 \times 7 = 77$	$77 \div 11 = 7$
$9 \times 8 = 72$	$72 \div 9 = 8$	$11 \times 8 = 88$	$88 \div 11 = 8$
$9 \times 9 = 81$	$81 \div 9 = 9$	$11 \times 9 = 99$	$99 \div 11 = 9$
$9 \times 10 = 90$	$90 \div 9 = 10$	$11 \times 10 = 110$	$110 \div 11 = 10$
$9 \times 11 = 99$	$99 \div 9 = 11$	$11 \times 11 = 121$	$121 \div 11 = 11$
$9 \times 12 = 108$	$108 \div 9 = 12$	$11 \times 12 = 132$	$132 \div 11 = 12$



Missing Number problems:

$$44 \div \square = 11$$

$$72 \div \square = 9$$

$$\square \times 11 = 55$$

$$9 \times \square = 36$$

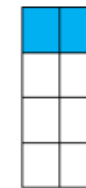


New Learning Challenge:

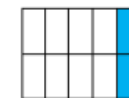
What fraction of the shape is shaded?



$$\frac{4}{5} = \frac{4}{5}$$



$$\frac{1}{4} = \frac{1}{4}$$



$$\frac{2}{5} = \frac{2}{5}$$



Key Instant Recall Facts

Year 4 – 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 recognise decimal and fraction equivalents.”

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

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

$$\frac{3}{10} = 0.3$$

$$\frac{4}{10} = 0.4$$

$$\frac{5}{10} = 0.5$$

$$\frac{6}{10} = 0.6$$

$$\frac{7}{10} = 0.7$$

$$\frac{8}{10} = 0.8$$

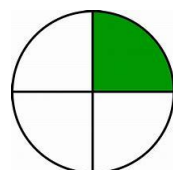
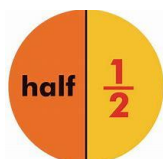
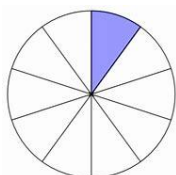
$$\frac{9}{10} = 0.9$$

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

$$\frac{2}{4} = 0.5$$

$$\frac{3}{4} = 0.75$$

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



Money facts:

“There are 100p in £1.”

“Five 20p coins makes £1.”

“Ten 10p coins make £1.”



New Learning Challenge:

$$+ = \frac{2}{4}$$

$$\frac{7}{8} - \frac{2}{8} =$$

$$\frac{1}{6} + \frac{2}{6} =$$



Key Instant Recall Facts

Year 4 – Summer 1



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

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

"I know my multiplication and division facts for my 7 times table."



$1 \times 7 = 7$	$7 \div 7 = 1$
$2 \times 7 = 14$	$14 \div 7 = 2$
$3 \times 7 = 21$	$21 \div 7 = 3$
$4 \times 7 = 28$	$28 \div 7 = 4$
$5 \times 7 = 35$	$35 \div 7 = 5$
$6 \times 7 = 42$	$42 \div 7 = 6$
$7 \times 7 = 49$	$49 \div 7 = 7$
$8 \times 7 = 56$	$56 \div 7 = 8$
$9 \times 7 = 63$	$63 \div 7 = 9$
$10 \times 7 = 70$	$70 \div 7 = 10$
$11 \times 7 = 77$	$77 \div 7 = 11$
$12 \times 7 = 84$	$84 \div 7 = 12$

Missing Number problems:

$$77 \div \square = 11$$

$$63 \div \square = 7$$

$$\square \times 11 = 77$$

$$7 \times \square = 28$$



New Learning Challenge:

"I can recognise different amounts of money using pounds and pence."



I have 3 pounds and 14 pence.

£3.14



Key Instant Recall Facts

Year 4 – Summer 2



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

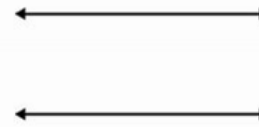
Help support your child by ensuring they know these facts by the end of Year 4. The aim is for every child to be able to recall these facts instantly.

"I can multiply and divide numbers by 10 and 100."

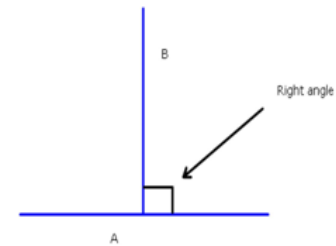
$7 \times 10 = 70$	$0.8 \times 10 = 8$
$10 \times 7 = 70$	$10 \times 0.8 = 8$
$70 \div 7 = 10$	$8 \div 10 = 0.8$
$70 \div 10 = 7$	$0.8 \div 10 = 0.08$

$6 \times 100 = 600$	$0.4 \times 10 = 4$
$100 \times 6 = 600$	$0.4 \times 100 = 40$
$600 \div 6 = 100$	$40 \div 10 = 4$
$600 \div 100 = 6$	$400 \div 10 = 40$

SHAPE



Lines that never meet are called parallel lines.



Lines that meet at a right-angle are perpendicular.

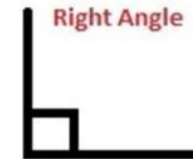
New Learning Challenge:

Acute Angle



Less Than 90 Degree

Right Angle



Exact 90 Degree

Obtuse Angle



Greater than 90 degree and less than 180 degree.