



Key Instant Recall Facts Year 3 – Autumn 1



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

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

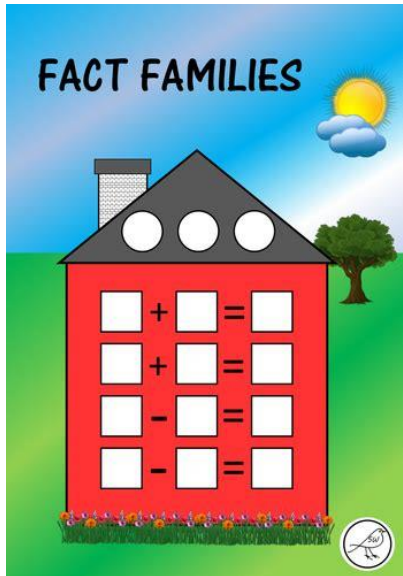
Fact families are made up of 3 numbers and show us how they are related to each other in a calculation.

Example Fact Family

$6 + 9 = 15$	$3 \times 4 = 12$
$9 + 6 = 15$	$4 \times 3 = 12$
$15 - 9 = 6$	$12 \div 4 = 3$
$15 - 6 = 9$	$12 \div 3 = 4$

Children should know their fact families for adding and subtracting numbers up to 20.

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



Number Bonds for all numbers to 20

$$16 + 4 = 20$$

$$17 + 3 = 20$$

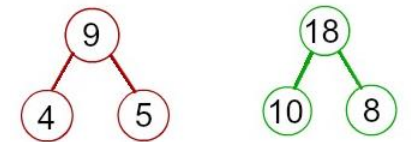
$$18 + 2 = 20$$

$$7 + 4 = 11$$

$$8 + 3 = 11$$

$$9 + 2 = 11$$

Number Bonds



New Learning Challenge:

What is 10 more or less than...?

“10 more than 24 equals 34”

“10 less than 432 is 422”

Hundreds	Tens	Ones
●●●●	●●●	●●
●●●●	●●	●●

What is 100 more or less than...?

“100 more than 350 is 450”

“100 less than 738 is 638”



Key Instant Recall Facts

Year 3 – 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 **3 times table!**"

$$\begin{array}{l} 2 \times 3 = 6 \quad 3 \times 2 = 6 \quad 6 \div 3 = 2 \quad 6 \div 2 = 3 \\ 4 \times 3 = 12 \quad 3 \times 4 = 12 \quad 12 \div 3 = 4 \quad 12 \div 4 = 3 \end{array}$$

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

Missing number Questions

$$3 \times \bigcirc = 18$$

$$\bigcirc \div 3 = 11$$

New Learning Challenge:

"Show me the Money!"

Adding and Subtracting using money

$$19\text{p} + 16\text{p} = \underline{\quad}$$

$$20\text{p} + 20\text{p} = 40\text{p}$$



Go to the shops and see if you can use your estimating skills to work out how much you will spend as you go round.





Key Instant Recall Facts

Year 3 – 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 key facts about time.”

There are **60 seconds** in a **minute**.

There are **60 minutes** in an **hour**.

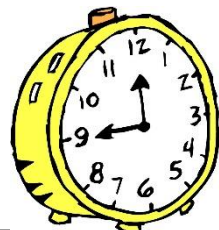
There are **24 hours** in a **day**.

There are **7 days** in a **week**.

There are **12 months** in a **year**.

There are **365 days** in a **year**.

There are **366 days** in a **leap year**.



Number of days in each month

January	31	July	31
February	28/29	August	31
March	31	September	30
April	30	October	31
May	31	November	30
June	30	December	31

New Learning Challenge:

Missing number problems

$$5 \times \square = 15$$

$$48 \div \square = 8$$

$$\square \times 4 = 32$$

$$\square \div 4 = 6$$





Key Instant Recall Facts

Year 3 – 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 know all my multiplication and division facts for the 4 times table."

$1 \times 4 = 4$	$4 \div 1 = 4$
$2 \times 4 = 8$	$8 \div 2 = 4$
$3 \times 4 = 12$	$12 \div 4 = 3$
$4 \times 4 = 16$	$16 \div 4 = 4$
$5 \times 4 = 20$	$20 \div 4 = 5$
$6 \times 4 = 24$	$24 \div 4 = 6$
$7 \times 4 = 28$	$28 \div 4 = 7$
$8 \times 4 = 32$	$32 \div 4 = 8$
$9 \times 4 = 36$	$36 \div 4 = 9$
$10 \times 4 = 40$	$40 \div 4 = 10$
$11 \times 4 = 44$	$44 \div 4 = 11$
$12 \times 4 = 48$	$48 \div 4 = 12$



Missing Number problems:

$$40 \div \square = 10$$

$$36 \div \square = 4$$

$$\square \times 4 = 24$$

$$4 \times \square = 16$$



New Learning Challenge:

Describe the fraction shown in the picture.





Key Instant Recall Facts Year 3 – 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 key facts about time.”

Children need to be able to tell the time using a clock with hands. This target can be broken down into several steps.

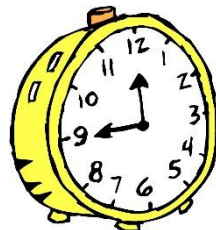
I can tell the time to the nearest hour.

I can tell the time to the nearest half hour.

I can tell the time to the nearest quarter hour.

I can tell the time to the nearest five minutes.

I can tell the time to the nearest minute.

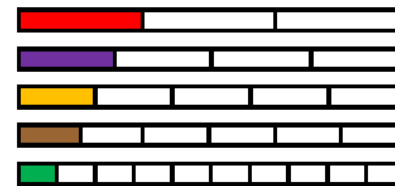


Time top tips:

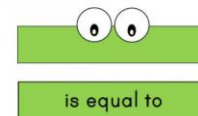
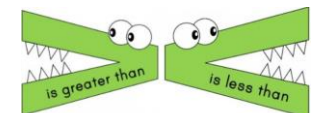
- “What time do we need to be ready for? What will that look like on the clock?”
- “The cake needs to come out of the oven in twenty minutes, can you let me know when it is time?”

New Learning Challenge:

“I can compare fractions.”



$$\frac{1}{10} \bigcirc \frac{1}{4} \quad \frac{1}{3} \bigcirc \frac{1}{6} \quad \frac{1}{5} \bigcirc \frac{1}{4}$$





Key Instant Recall Facts

Year 3 – 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 3. The aim is for every child to be able to recall these facts instantly.

"I know all my multiplication and division facts for the 8 times table."

8

$1 \times 8 = 8$	$8 \div 8 = 1$
$2 \times 8 = 16$	$16 \div 8 = 2$
$3 \times 8 = 24$	$24 \div 8 = 3$
$4 \times 8 = 32$	$32 \div 8 = 4$
$5 \times 8 = 40$	$40 \div 8 = 5$
$6 \times 8 = 48$	$48 \div 8 = 6$
$7 \times 8 = 56$	$56 \div 8 = 7$
$8 \times 8 = 64$	$64 \div 8 = 8$
$9 \times 8 = 72$	$72 \div 8 = 9$
$10 \times 8 = 80$	$80 \div 8 = 10$
$11 \times 8 = 88$	$88 \div 8 = 11$
$12 \times 8 = 96$	$96 \div 8 = 12$

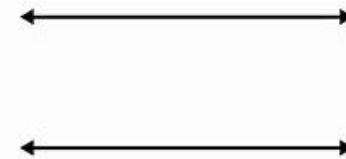
Missing Number problems:

$$80 \div \square = 10$$

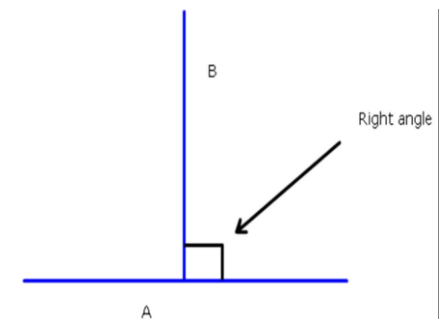
$$32 \div \square = 4$$

$$\square \times 8 = 24$$

$$7 \times \square = 56$$



Lines that never meet are called parallel lines.



Lines that meet at a right-angle are perpendicular.