

SPRING BANK PRIMARY SCHOOL
YEAR THREE KEY INSTANT RECALL FACTS
AUTUMN HALF TERM ONE



I know number bonds for each number to 20

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

$2 + 9 = 11$

$5 + 9 = 14$

$3 + 8 = 11$

$6 + 8 = 14$

$4 + 7 = 11$

$7 + 7 = 14$

$5 + 6 = 11$

$6 + 9 = 15$

$3 + 9 = 12$

$7 + 8 = 15$

$4 + 8 = 12$

$7 + 9 = 16$

$5 + 7 = 12$

$8 + 8 = 16$

$6 + 6 = 12$

$8 + 9 = 17$

$4 + 9 = 13$

$9 + 9 = 18$

$5 + 8 = 13$

$6 + 7 = 13$

Example of a fact family

$6 + 9 = 15$

$9 + 6 = 15$

$15 - 9 = 6$

$15 - 6 = 9$

Example of other facts

$4 + 5 = 9$

$13 + 5 = 18$

$19 - 7 = 12$

Key Vocabulary

What do I add to 5 to make 19?

What is 17 take away 6?

What is 13 less than 16?

What's the difference between 7 and 13?

This list includes the most challenging facts but children will need to learn all number bonds for each number to 20 (e.g. $15 + 2 = 17$). This includes related subtraction facts (e.g. $17 - 2 = 15$).

Top Tips

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 do not need to practise them all at once; perhaps you could have a fact of the day.

Buy one get three free - If your child knows one fact (e.g. $8 + 5 = 13$), can they tell you the other three facts in the same fact family?

Use doubles and near doubles - If you know that $6 + 6 = 12$, how can you work out $6 + 7$? What about $5 + 7$?

SPRING BANK PRIMARY SCHOOL
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AUTUMN HALF TERM TWO



I know the multiplication and division facts for the 4 times table.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

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

Top Tips

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 do not need to practise them all at once; perhaps you could have a fact of the day.

What do you already know? - Your child will already know many of these facts from the 2, 3, 5 and 10 times tables.

Songs and Chants - You can find multiplication songs and chants online. There are lots to choose from.

Double and double again - Multiplying a number by 4 is the same as doubling and doubling again. Double 6 is 12 and double 12 is 24, so $6 \times 4 = 24$.

Play online - log in to <https://ttrockstars.com/> to practise.

Key Vocabulary

What is 4 multiplied by 6?

What is 8×4 ?

What is 24 divided by

SPRING BANK PRIMARY SCHOOL
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SPRING HALF TERM ONE



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

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

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

Key Vocabulary

*What is 8 multiplied
by 7?*

What is 8 times 9?

*What is 64 divided by
8?*

They should be able to answer questions in any order, including missing number questions.

Top Tips

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 do not need to practise them all at once; perhaps you could have a fact of the day

Songs and Games - You can find multiplication songs and chants online. You can also use <https://ttrockstars.com/> or <https://www.purplemash.com/sch/spring-1s6#/> the children all have a log in.

Remember - that multiplying by 8 is doubling, doubling and doubling again! For example, $3 \times 8 = ?$, double 3 is 6, double 6 is 12, double 12 is 24 so, $3 \times 8 = 24$

SPRING BANK PRIMARY SCHOOL

YEAR THREE KEY INSTANT RECALL FACTS

SPRING HALF TERM TWO



I know the multiplication and division facts for the 3 times table.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

$3 \times 1 = 3$	$1 \times 3 = 3$	$3 \div 3 = 1$	$3 \div 1 = 3$
$3 \times 2 = 6$	$2 \times 3 = 6$	$6 \div 3 = 2$	$6 \div 2 = 3$
$3 \times 3 = 9$	$3 \times 3 = 9$	$9 \div 3 = 3$	$9 \div 3 = 3$
$3 \times 4 = 12$	$4 \times 3 = 12$	$12 \div 3 = 4$	$12 \div 4 = 3$
$3 \times 5 = 15$	$5 \times 3 = 15$	$15 \div 3 = 5$	$15 \div 5 = 3$
$3 \times 6 = 18$	$6 \times 3 = 18$	$18 \div 3 = 6$	$18 \div 6 = 3$
$3 \times 7 = 21$	$7 \times 3 = 21$	$21 \div 3 = 7$	$21 \div 7 = 3$
$3 \times 8 = 24$	$8 \times 3 = 24$	$24 \div 3 = 8$	$24 \div 8 = 3$
$3 \times 9 = 27$	$9 \times 3 = 27$	$27 \div 3 = 9$	$27 \div 9 = 3$
$3 \times 10 = 30$	$10 \times 3 = 30$	$30 \div 3 = 10$	$30 \div 10 = 3$
$3 \times 11 = 33$	$11 \times 3 = 33$	$33 \div 3 = 11$	$33 \div 11 = 3$
$3 \times 12 = 36$	$12 \times 3 = 36$	$36 \div 3 = 12$	$36 \div 12 = 3$

Key Vocabulary

What is 3 multiplied by 7?

What is 8 times 3?

What is 27 divided by 3?

They should be able to answer questions in any order, including missing number questions.

Top Tips

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 do not need to practise them all at once; perhaps you could have a fact of the day.

Songs and Games - You can find multiplication songs and chants online. You can also use <https://ttrockstars.com/> or <https://www.purplemash.com/sch/spring-1s6#/> the children all have a log in.

SPRING BANK PRIMARY SCHOOL

YEAR THREE KEY INSTANT RECALL FACTS

SUMMER HALF TERM ONE



I know facts for the duration of time.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

Number of days in each month

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.

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

Children also need to know the order of the months in a year. They should be able to apply these facts to answer questions such as:

- What day comes after 30th April?
- What day comes before 1st February?

FEBRUARY 2024						
SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	1	2

Holidays and Observances: 14 Valentine's Day 19 President's Day

Top Tips

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 do not need to practise them all at once; perhaps you could have a fact of the day.

Use rhymes and memory games- The rhyme, Thirty days hath September, can help children remember which months have 30 days. There are poems describing the months of the year in order.

Use calendars - If you have a calendar for the new year, your child could be responsible for recording the birthdays of friends and family members in it. Your child could even make their own calendar.

How long is a minute? - Ask your child to sit with their eyes closed for exactly one minute while you time them. Can they guess the length of a minute? Carry out different activities for one minute. How many times can they jump in sixty seconds?

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YEAR THREE KEY INSTANT RECALL FACTS
SUMMER HALF TERM TWO



I can tell the time to the nearest minute.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

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

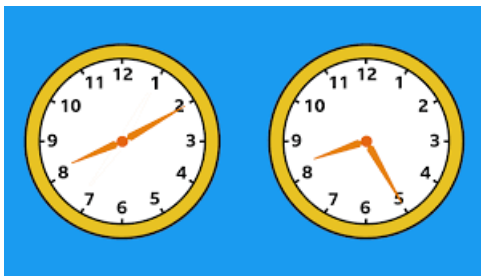
I can tell the time to the nearest hour.

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.



Key Vocabulary

Quarter past nine

Quarter to three

Five past one

Ten to twelve

Top Tips

The secret to success is practising little and often. If you would like more ideas, please speak to your child's teacher.

Talk about time - Discuss what time things happen. When does your child wake up? What time do they eat breakfast? Make sure that you have an analogue clock visible in your house or that your child wears a watch with hands.

Ask your child the time regularly - You could also give your child some responsibility for watching the clock : "The cakes need to come out of the oven at quarter past four." "We need to leave the house at half past eight."