



# Key Instant Recall Facts

Y2 - Autumn 1

This half term your children are working towards achieving their individual KIRF targets, indicated below. The ultimate aim is for your child to be able to recall these facts **instantly!**

## Know all the number bonds for 10 and 20

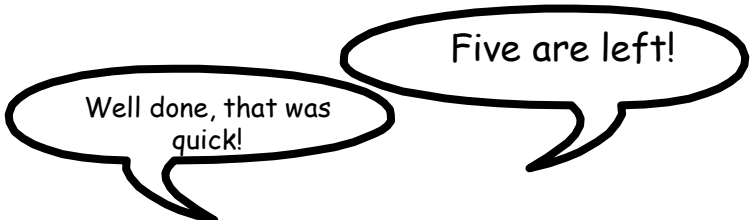
### Helpful hints for parents:

- Use objects to consider the bonds in a practical way.
- Look at the patterns with both objects and numbers e.g. as one number increases the other one decreases.
- Practise with the numbers in order **AND** chosen randomly - remember the aim is for the child to be able to respond immediately.

**Key vocabulary**  
 add, total, altogether, how many more to make?



Twenty teddies are sitting on a shelf. 15 fell off.  
How many are left?



### Make it fun!

Play number ping pong! (Use for number bonds to 10 or 20). Start off saying 'ping', child replies with 'pong'. Repeat and then convert to numbers i.e. say '2' and they reply '18' (number bonds to 20).

#### number bonds to 10:

- 0 + 10 = 10
- 1 + 9 = 10
- 2 + 8 = 10
- 3 + 7 = 10
- 4 + 6 = 10
- 5 + 5 = 10
- 6 + 4 = 10
- 7 + 3 = 10
- 8 + 2 = 10
- 9 + 1 = 10
- 10 + 0 = 10

#### number bonds to 20:

- 0 + 20 = 20
- 1 + 19 = 20
- 2 + 18 = 20
- 3 + 17 = 20
- 4 + 16 = 20
- 5 + 15 = 20
- 6 + 14 = 20
- 7 + 13 = 20
- 8 + 12 = 20
- 9 + 11 = 20
- 10 + 10 = 20

Building confidence in mathematics is crucial so be pleased with their efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising!



# Key Instant Recall Facts

Y2 - Autumn 2

This half term your children are working towards achieving their individual KIRF targets, indicated below. The ultimate aim is for your child to be able to recall these facts **instantly!**

**Know multiplication and division facts for 2x table.**

### Helpful hints for parents:

- Create regular opportunities for rapid-fire questions where an instant correct answer is required.
- Encourage children to look for patterns, such as all the answers end in 5 or 0 for the 5x table.
- Chanting tables really does help. Make it fun by adding actions too, or singing!
- Don't forget to chant those division facts too; they are often much harder to recall.

If I have 5 pairs of socks how many socks will I have?



Well done, that was quick!

10 socks!

$2 \times 5 = 10$



AND

$5 \times 2 = 10$



- $0 \times 10 = 0$
- $1 \times 10 = 10$
- $2 \times 10 = 20$
- $3 \times 10 = 30$
- $4 \times 10 = 40$

- $10 \div 10 = 1$
- $20 \div 10 = 2$
- $30 \div 10 = 3$
- $40 \div 10 = 4$

Building confidence in mathematics is crucial so be pleased with their efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising!



# Key Instant Recall Facts

Y2 - Spring 1

This half term your children are working towards achieving their individual KIRF targets, indicated below. The ultimate aim is for your child to be able to recall these facts **instantly!**

## Know multiplication and division for 10x table

### Helpful hints for parents:

- Create regular opportunities for rapid-fire questions where an instant correct answer is required.
- Encourage children to look for patterns, such as all the answers end in 5 or 0 for the 5x table.
- Chanting tables really does help. Make it fun by adding actions too, or singing!
- Don't forget to chant those division facts too; they are often much harder to recall.

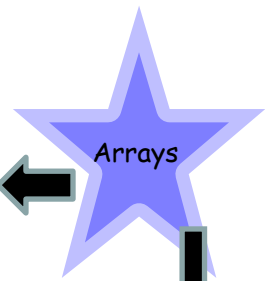
If I have 5 pairs of socks how many socks will I have?



Well done, that was quick!

10 socks!

$2 \times 5 = 10$



AND

$5 \times 2 = 10$

- $0 \times 10 = 0$
- $1 \times 10 = 10$
- $2 \times 10 = 20$
- $3 \times 10 = 30$
- $4 \times 10 = 40$
- $10 \div 10 = 1$
- $20 \div 10 = 2$
- $30 \div 10 = 3$
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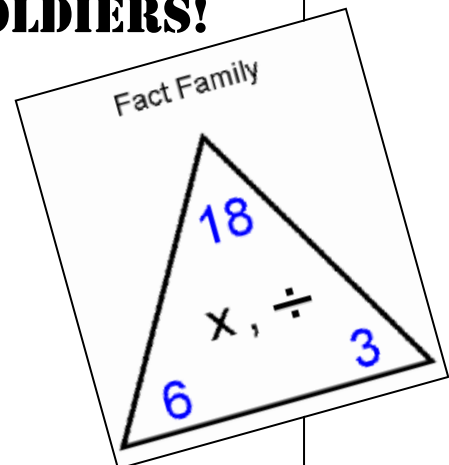
# Key Instant Recall Facts Y2 - Spring 2

This half term your children are working towards achieving their individual KIRF targets, indicated below. The ultimate aim is for your child to be able to recall these facts **instantly!**

**Know multiplication and division facts for the 5x table.**

## **THE 5X TABLE FACTS – LEARN THEM, SOLDIERS!**

$1 \times 5 = 5$ so	$5 \div 1 = 5$ and	$5 \div 5 = 1$
$2 \times 5 = 10$ so	$10 \div 2 = 5$ and	$10 \div 5 = 2$
$3 \times 5 = 15$ so	$15 \div 3 = 5$ and	$15 \div 5 = 3$
$4 \times 5 = 20$ so	$20 \div 4 = 5$ and	$20 \div 5 = 4$
$5 \times 5 = 25$ so	$25 \div 5 = 5$	
$6 \times 5 = 30$ so	$30 \div 6 = 5$ and	$30 \div 5 = 6$
$7 \times 5 = 35$ so	$35 \div 7 = 5$ and	$35 \div 5 = 7$
$8 \times 5 = 40$ so	$40 \div 8 = 5$ and	$40 \div 5 = 8$
$9 \times 5 = 45$ so	$45 \div 9 = 5$ and	$45 \div 5 = 9$
$10 \times 5 = 50$ so	$50 \div 10 = 5$ and	$50 \div 5 = 10$



**'Fact Family'** triangles are a useful way of showing the numbers that create the three facts.

Building confidence in mathematics is crucial so be pleased with their efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising!



# Key Instant Recall Facts

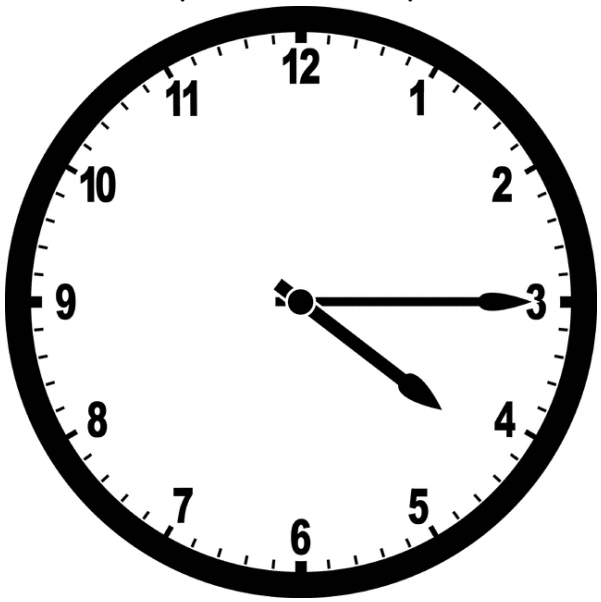
Y2 - Summer 1

This half term your children are working towards achieving their individual KIRF targets, indicated below. The ultimate aim is for your child to be able to recall these facts **instantly!**

Tell the time to the nearest hour, half hour, quarter hour and to five minute intervals.

### Helpful hints for parents:

- Create regular opportunities for rapid-fire questions where an instant correct answer is required.
- Make it fun by using practical items at home - discuss what time things happen. When does your child wake up? What time do they eat breakfast?
- Make sure you have an analogue clock visible in your house - ask your child the time regularly.



**Key vocabulary**  
 O'clock  
 Half past  
 Quarter Past  
 Quarter to  
 Past e.g. five past  
 To e.g. twenty-five to

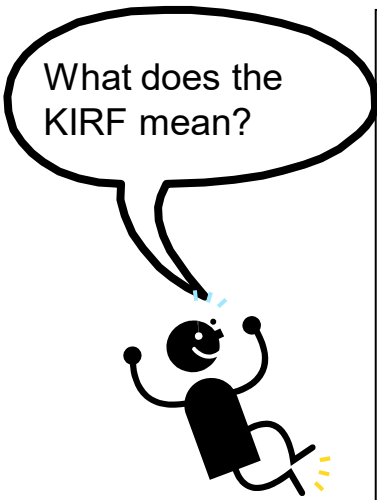
Building confidence in mathematics is crucial so be pleased with their efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising!



# Key Instant Recall Facts Y2 - Summer 2

This half term your children are working towards achieving their individual KIRF targets, indicated below. The ultimate aim is for your child to be able to recall these facts **instantly!**

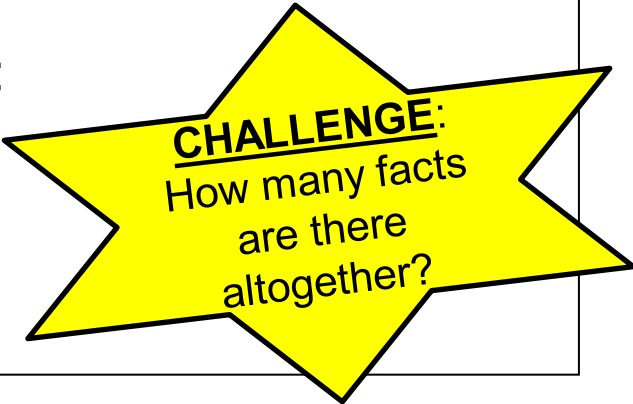
Know all addition and subtraction facts for multiples of 10 to 100



Here are the multiples of 10 to 100 and some of the facts children need to learn:

**MULTIPLES OF 10:**  
 •10,20,30,40,50,60,70,80,90 and 100

**TYPES OF FACTS:**  
 $10+50=60$   
 $80-30=50$   
 $40+70=110$   
 $90-20=70$



*This KIRF builds on the Y1 Summer KIRF. For example, knowing  $3+8=11$  allows pupils to then recognise the link that  $30+80=110$ .*

Building confidence in mathematics is crucial so be pleased with their efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising!