Key Instant Recall Facts

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 5

Key vocabulary

add   total   *how many more to make?*   *altogether*

Example of number bonds for 5:

Five teddies are sitting on a shelf, 1 fell off,

how many are left?

Four are left!

Well done, that was quick!

Helpful hints for parents
- Use objects to consider the bonds in a practical way.
- Look at patterns for both objects and numbers (as one increases, the other decreases).
- Practise with the numbers in order and chosen randomly.

What's hidden?
There are 5 beans on this plate, I hide some under a beaker - how many have I hidden?

Playing cards:
Take out the picture cards from the deck of cards.
Include the jokers as 'zero'.

1) Play snap by matching the number bonds.
2) Play the 'memory game' to find matching number bonds.

Play number ping pong!
Start off saying 'ping', child replies with 'pong'.
Repeat and then convert to numbers i.e. say '2' and they reply '3'

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

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 number bonds for 10

Key vocabulary

add   total   how many more to make?   altogether

Helpful hints for parents
- Use objects to consider the bonds in a practical way.
- Look at patterns for both objects and numbers (as one increases, the other decreases).
- Practise with the numbers in order and chosen randomly.

An example of number bonds for 10
10 apples are growing on a tree; seven fall off. How many apples are left on the tree?
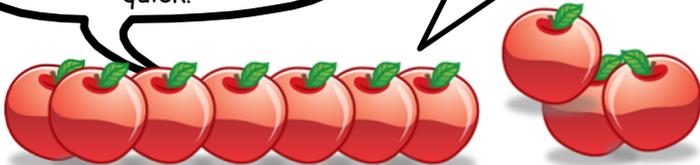
There are 3 left.

Well done, that was quick!

What's hidden?
There are 5 beans on this plate, I hide some under a beaker - how many have I hidden?

Play number ping pong!
Start off saying 'ping', child replies with 'pong'.
Repeat and then convert to numbers i.e. say '2' and they reply '8'.

Playing cards:
Take out the picture cards from the deck of cards. Include the jokers as 'zero'.

1) Play snap by matching the number bonds.
2) Play the 'memory game' to find matching number bonds.

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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 number bonds for 20

Key vocabulary

add   total   how many more to make?   plus   altogether

Helpful hints for parents
- Use objects to consider the bonds in a practical way.
- Look at patterns for both objects and numbers (as one increases, the other decreases).
- Practise with the numbers in order and chosen randomly.

An example of number bonds for 20
20 cherries are growing on a tree; seven fall off. How many cherries are left on the tree?

There are 13 left.

Well done, that was quick!

What's hidden?
There are 5 baked beans on this plate, I hide some under a beaker - how many have I hidden?

Play number ping pong!
Start off saying 'ping', child replies with 'pong'. Repeat and then convert to numbers i.e. say '2' and they reply '18'.
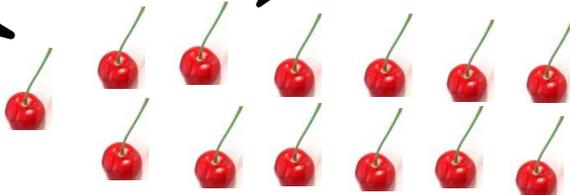
Playing cards:
Take out the picture cards from the deck of cards. Include the jokers as 'zero'.

1) Play snap by matching the number bonds.
2) Play the 'memory game' to find matching number bonds.

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

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 doubles and halves of even numbers to 20

Key vocabulary

double   halve the number   half of…   even

I have 12 pencils and give half to my brother. How many do I have left?
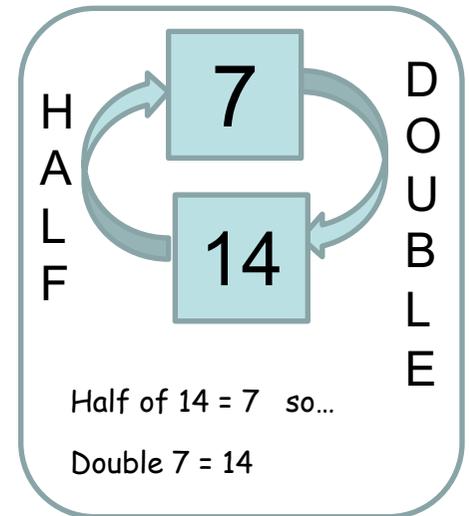
6 pencils!

Well done, that was quick!

Doubles & Halves:

8 doubled is 16
8 halved is 4

6 doubled is 12
6 halved is 3

12 doubled is 24
12 halved is 6

HALF   7   14   DOUBLE

Half of 14 = 7   so…

Double 7 = 14

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

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 all numbers between 0 and 10.

Key vocabulary

addition   subtraction   add   take away   plus   minus   equals

If we cut the pizza into 6 pieces and we eat 4 how many pieces will be left?

2 pieces!

Yes! 6-4 =2 because 2+4 = 6
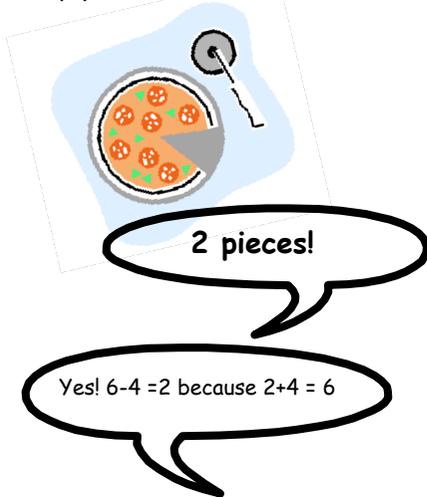
Here are the 45 addition facts. Learn these and the subtraction facts will come easily! E.g. 3+6=9 so 9-6=3 and 9-3=6.

1+1=2	2+2=4	3+3=6	4+4=8	5+5=10	6+6=12
1+2=3	2+3=5	3+4=7	4+5=9	5+6=11	6+7=13
1+3=4	2+4=6	3+5=8	4+6=10	5+7=12	6+8=14
1+4=5	2+5=7	3+6=9	4+7=11	5+8=13	6+9=15
1+5=6	2+6=8	3+7=10	4+8=12	5+9=14	
1+6=7	2+7=9	3+8=11	4+9=13		
1+7=8	2+8=10	3+9=12			
1+8=9	2+9=11				
1+9=10					

7+7=14	8+8=16	9+9=18
7+8=15	8+9=17	
7+9=16		

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

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!

Count forwards and backwards in steps of 2,5 and 10

Key vocabulary

twos   fives   tens   lots of   forwards   backwards   more than   less than

If we use coins to help us count forwards and backwards in 2s, 5s and 10s we can also help our understanding of money!

This is a chance to 'show off' your counting skills from Reception class!

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!