

Year R Spring 1 KIRF

I know number bonds to 5.

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

- Zero and five make five
- One and four make five
- Two and three make five
- Three and two make five
- Four and one make five
- Five and zero make five

Examples of how to help at home -

- Using items around the house to find different ways of making 5, e.g one blue teddy and four red teddies. One and four make five.
- Making up stories with items around the home, e.g there are 2 cars in the car park and 3 more cars arrive, how many cars altogether? Two and three make five.
- Asking questions during daily routines, e.g you have 1 sausage on your plate and I have 4 sausages on my plate, how many sausages altogether? One and four make five.

Year 1 Spring 1 KIRF
Doubles and halves of numbers to 10

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

$0 + 0 = 0$	$\frac{1}{2}$ of $0 = 0$
$1 + 1 = 1$	$\frac{1}{2}$ of $2 = 1$
$2 + 2 = 4$	$\frac{1}{2}$ of $4 = 2$
$3 + 3 = 6$	$\frac{1}{2}$ of $6 = 3$
$4 + 4 = 8$	$\frac{1}{2}$ of $8 = 4$
$5 + 5 = 10$	$\frac{1}{2}$ of $10 = 5$
$6 + 6 = 12$	
$7 + 7 = 14$	
$8 + 8 = 16$	
$9 + 9 = 18$	
$10 + 10 = 20$	

Key Vocabulary

What is **double** 9?

What is **half** of 6?

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 don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Ping Pong - In this game, the parent says, "Ping," and the child replies, "Pong." Then the parent says a number and the child doubles it. For a harder version, the adult can say, "Pong." The child replies, "Ping," and then halves the next number given.

Practise online - Go to www.sumdog.com or www.conkermaths.org and see how many questions you can answer in just 90 seconds.

Year 2 Spring 1 KIRF Progress Check

Doubles and halves of numbers 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.

$0 + 0 = 0$	$\frac{1}{2}$ of 0 = 0	
$1 + 1 = 2$	$\frac{1}{2}$ of 2 = 1	$11 + 11 = 22$
$2 + 2 = 4$	$\frac{1}{2}$ of 4 = 2	$12 + 12 = 24$
$3 + 3 = 6$	$\frac{1}{2}$ of 6 = 3	$13 + 13 = 26$
$4 + 4 = 8$	$\frac{1}{2}$ of 8 = 4	$14 + 14 = 28$
$5 + 5 = 10$	$\frac{1}{2}$ of 10 = 5	$15 + 15 = 30$
$6 + 6 = 12$	$\frac{1}{2}$ of 12 = 6	$16 + 16 = 32$
$7 + 7 = 14$	$\frac{1}{2}$ of 14 = 7	$17 + 17 = 34$
$8 + 8 = 16$	$\frac{1}{2}$ of 16 = 8	$18 + 18 = 36$
$9 + 9 = 18$	$\frac{1}{2}$ of 18 = 9	$19 + 19 = 38$
$10 + 10 = 20$	$\frac{1}{2}$ of 20 = 10	$20 + 20 = 40$

Key Vocabulary

What is **double** 9?

What is **half** of 14?

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 don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Use what you already know - Encourage your child to find the connection between the 2 times table and double facts. Ping Pong - In this game, the parent says, "Ping," and the child replies, "Pong." Then the parent says a number and the child doubles it. For a harder version, the adult can say, "Pong." The child replies, "Ping," and then halves the next number given.

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