



# SPRING ONE KIRF

## Key Instant Recall Facts

I know the multiplication and division facts for the 9 and 11 times tables.

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

|                     |                   |                      |                    |
|---------------------|-------------------|----------------------|--------------------|
| $9 \times 1 = 9$    | $9 \div 9 = 1$    | $11 \times 1 = 11$   | $11 \div 11 = 1$   |
| $9 \times 2 = 18$   | $18 \div 9 = 2$   | $11 \times 2 = 22$   | $22 \div 11 = 2$   |
| $9 \times 3 = 27$   | $27 \div 9 = 3$   | $11 \times 3 = 33$   | $33 \div 11 = 3$   |
| $9 \times 4 = 36$   | $36 \div 9 = 4$   | $11 \times 4 = 44$   | $44 \div 11 = 4$   |
| $9 \times 5 = 45$   | $45 \div 9 = 5$   | $11 \times 5 = 55$   | $55 \div 11 = 5$   |
| $9 \times 6 = 54$   | $54 \div 9 = 6$   | $11 \times 6 = 66$   | $66 \div 11 = 6$   |
| $9 \times 7 = 63$   | $63 \div 9 = 7$   | $11 \times 7 = 77$   | $77 \div 11 = 7$   |
| $9 \times 8 = 72$   | $72 \div 9 = 8$   | $11 \times 8 = 88$   | $88 \div 11 = 8$   |
| $9 \times 9 = 81$   | $81 \div 9 = 9$   | $11 \times 9 = 99$   | $99 \div 11 = 9$   |
| $9 \times 10 = 90$  | $90 \div 9 = 10$  | $11 \times 10 = 110$ | $110 \div 11 = 10$ |
| $9 \times 11 = 99$  | $99 \div 9 = 11$  | $11 \times 11 = 121$ | $121 \div 11 = 11$ |
| $9 \times 12 = 108$ | $108 \div 9 = 12$ | $11 \times 12 = 132$ | $132 \div 11 = 12$ |

They should be able to answer these questions in any order, including missing number questions  
e.g.  $9 \times \bigcirc = 54$  or  $\bigcirc \div 9 = 11$ .

## Top Tips

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

Look for patterns – These times tables are full of patterns for your child to find. How many can they spot?

- Use your ten times table – Multiply a number by 10 and subtract the original number  
(e.g.  $7 \times 10 - 7 = 70 - 7 = 63$ ). What do you notice?
  - What happens if you add your original number instead?  
(e.g.  $7 \times 10 + 7 = 70 + 7 = 77$ )
  - What do you already know? – Your child will already know many of these facts from the 2, 3, 4, 5, and 10 times tables. It might be worth practising these again!
  - Sing the times tables that have been learnt in class

REMEMBER TO MAKE IT FUN!

Many Thanks

Tam Tran (Year 4 Teacher)



Don't forget to use [www.trockstars.com/](http://www.trockstars.com/) or Hit the button on [www.topmarks.co.uk](http://www.topmarks.co.uk)

### Key Vocabulary

What is 8 multiplied by 9?

What is 6 times by 9?

What is 81 divided by 9?