



# Key Instant Recall Facts (KIRFs)

## Year 6 Autumn Term 1

### **I know factor pairs**

This term's KIRF is to know factor pairs for number up to 144 ( $12 \times 12$ ).

A factor pair is 2 numbers that multiply together to equal a given number.

For Example, the factor pairs for 12 are:

1 and 12, 2 and 6, 3 and 4

### Top Tips

- The secret to success is practising little and often.
- Use time wisely. Practise on the way to school or during a journey.
- You don't need to practise them all at once. Perhaps you could have a fact of the day.

### Questions to Ask

- What is the other factor pair 5 needs to make 30 ( $5 \times 6 = 30$ )
  - How many factor pairs do you know for 24?
- What makes the number 19 different in relation to its factor pairs?  
(it only has one pair: 1 and 19)

### Game Ideas

1. Roll 2 dice to create a 2-digit number. E.g. Roll a 3 and 6 and you could make 36 or 63.
2. Create the two-digit number that's going to have the most factor pairs.
3. Generate all the factor pairs. Get a point for each factor pair you can think of.