Key Instant Recall Facts
Year 5 – Spring 1

Key Vocabulary

- Can you find a **factor** of 28?
- Find two numbers whose **product** is 20.
- I know that 6 is a **factor** of 72 because 6 **multiplied** by 12 **equals** 72.

I can find factor pairs of a number.

Children should now know all multiplication and division facts up to 12 × 12. When given a number in one of these times tables, they should be able to state a factor pair which multiply to make this number. Below are some examples:

24 = 4 × 6
24 = 8 × 3
56 = 7 × 8
54 = 9 × 6

42 = 6 × 7
25 = 5 × 5
84 = 7 × 12
15 = 5 × 3

Factors of 24

1 × 24

4 × 6 | 24 | 3 × 8

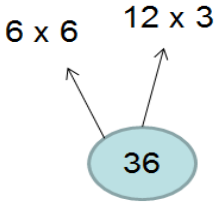
2 × 12

so there are 8 factors of 24....
1,2,3,4,6,8,12,24

Play games to make this fun…

'Find The Factors!'
"You have 1minute to find as many pairs of factors of 60 as possible!"

'Missing Factors'
"Can you spot the missing factors for 48 in this list?"



Spider diagrams are a great way to set out your investigations…

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.

Play games - There is an activity at www.conkermaths.org to practise finding factor pairs

Think of the question – One player thinks of a times table question (e.g. 4 × 12) and states the answer. The other player has to guess the original question.

Use memory tricks – For those hard-to-remember facts, www.multiplication.com has some strange picture stories to help children remember.