

Key Instant Recall Facts

Year 5 – Summer 2

I can find factor pairs of a number.

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

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.

For example:

$24 = 4 \times 6$

$24 = 8 \times 3$

$56 = 7 \times 8$

$54 = 9 \times 6$

$42 = 6 \times 7$

$25 = 5 \times 5$

$84 = 7 \times 12$

$15 = 5 \times 3$

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."

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.

Activity ideas

* **Play games**-There is an activity at <http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html> (Factor Pairs tab) is a good place to start. 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.

* **Play games**- Mathletics has a range of interactive multiplication games to play, <http://www.mathletics.co.uk/>