



Fluency Facts

Target 5-1

I know factor pairs for numbers to 100.

By the end of this half term, you should know the following facts. The aim is to recall these facts **instantly**. You should also be familiar with using the key vocabulary.

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 factor pairs which multiply to make this number and compile a complete list of factors for numbers to 100. Below are some examples:

$$24 = 1 \times 24$$

$$24 = 2 \times 12$$

$$24 = 3 \times 8$$

$$24 = 4 \times 6$$

The factors of 24 are
1, 2, 3, 4, 6, 8, 12 and 24

$$56 = 1 \times 56$$

$$56 = 2 \times 28$$

$$56 = 4 \times 14$$

$$56 = 7 \times 8$$

The factors of 56 are
1, 2, 4, 7, 8, 14, 28 and 56

$$42 = 1 \times 42$$

$$42 = 2 \times 21$$

$$42 = 3 \times 14$$

$$42 = 6 \times 7$$

The factors of 42 are
1, 2, 3, 6, 7, 14, 21, 42

Key Vocabulary

Multiply

Divide

Equals

Times

Groups of

Factor

Divisible

Multiple

Top Tips!

- Practise little and often. Use your time wisely – could you practise on the way to school or while waiting in a queue at the supermarket?
- 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.