

Home Learning - Session 4

Year 5 - Reasoning

Focus Learning - Model Example

A factor is a number that divides into another number exactly and without leaving a remainder. Most numbers have an even number of factors.

Here are four number cards.

3

12

7

4

Which two number cards are **factors of 42**?

and

What is a factors of 42?

The factors of 42 in pairs are:

- 1, 42
- 2, 21
- 3, 14
- 6, 7

So with the question opposite the answer is **3 and 7**

Year 5 Expected

- 1 and 48 is factor pair of 48.
Find three other factor pairs of 48
- Write three factors of 30 that are not factors of 15
- Complete this sentence.
Every number with a factor of 10 must also have factors of...

andand

- Write **all** the numbers between 20 and 100 that are factors of 180

Year 5 Mastery

Here are five numbers.

~~2~~ 3 4 5 6

Write each number on the correct cards.

The number 2 has been written on the correct cards for you.

Prime numbers

2

Factors of 12

2

Factors of 15