

Finding factors

Write down all the ways you can think of to make **6**.

Correct answer: **1×6 or 2×3** (note the reverse also works: 6×1 and 3×2 but these don't give any extra factors). This means that **the factors of 6 are 1, 2, 3 and 6**.

Now have a go at answering the questions in this table:

Number	Ways of making the number	Factors of the number
8		
9		
10		
12		
20		

Now consider:

1. Which number or numbers in the table have the most factors?
2. How many factors does this number or numbers have?
3. Which number has more factors than this?