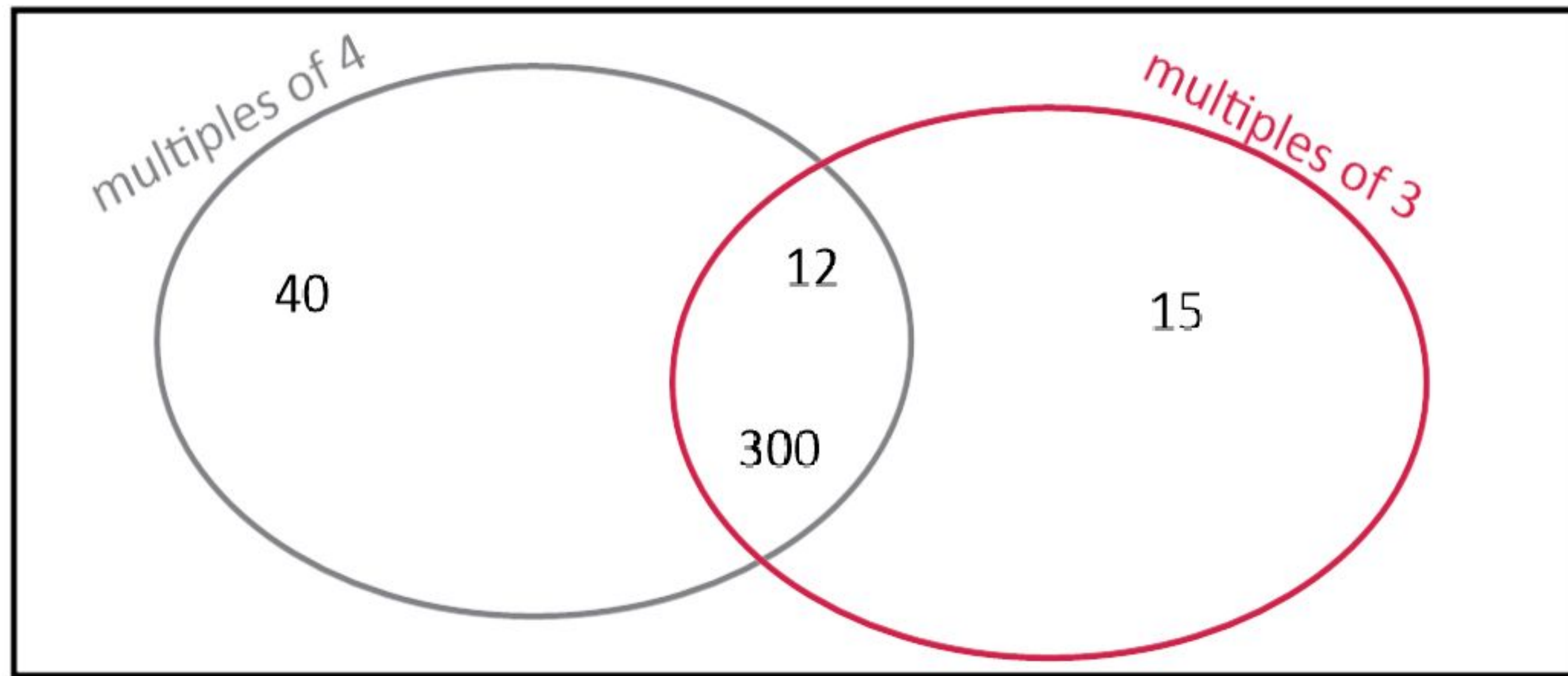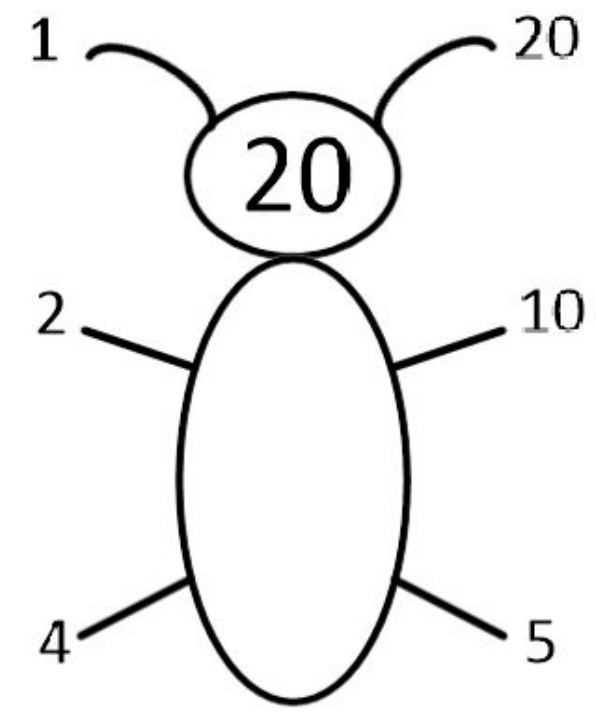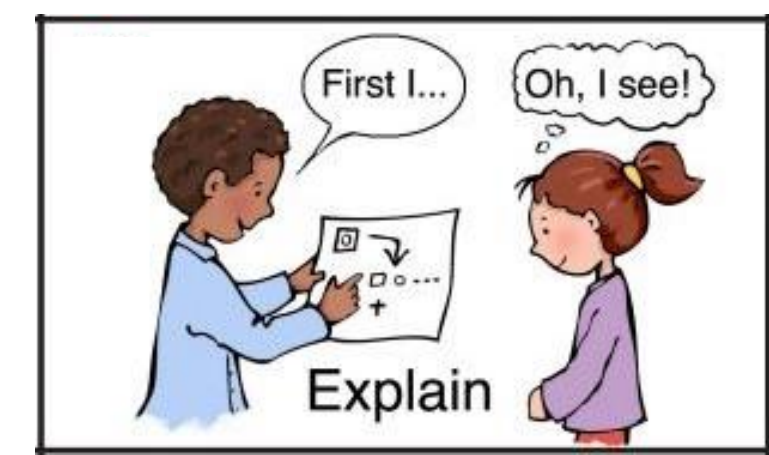# Warm up - Venn Diagram

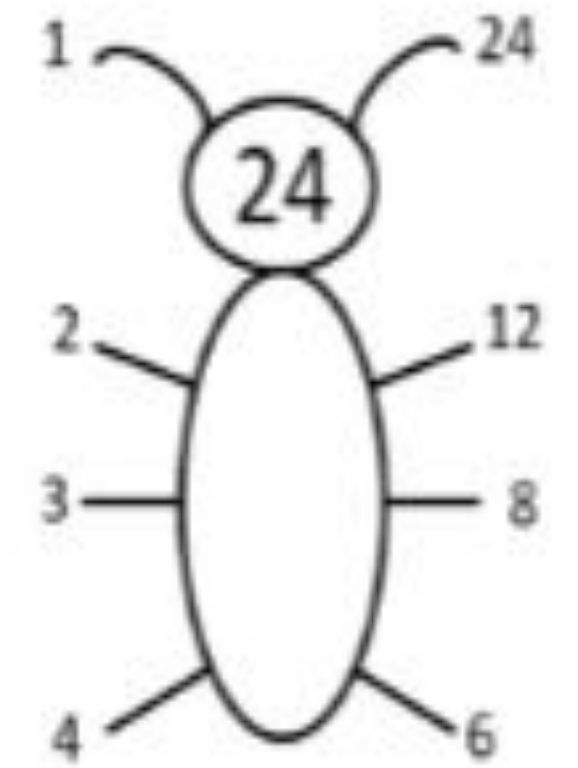**How many numbers can you place?**

Let's explore

Create your own factor bugs

Factors come in pairs and therefore all numbers must have an even number of factors.
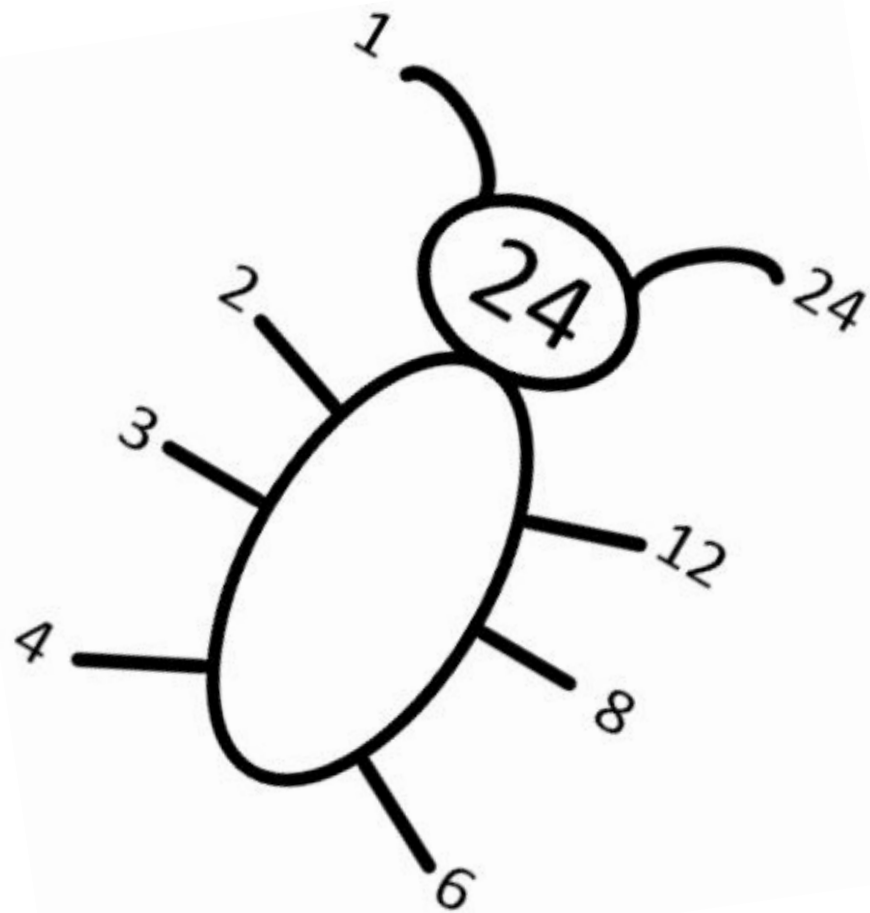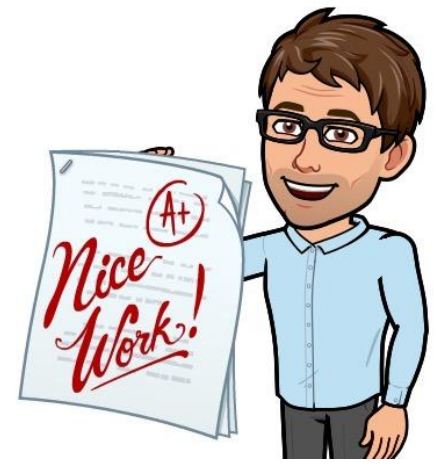
Is this true?

Explore this by creating factor bugs for the following numbers:

12   18   32   16   21   25
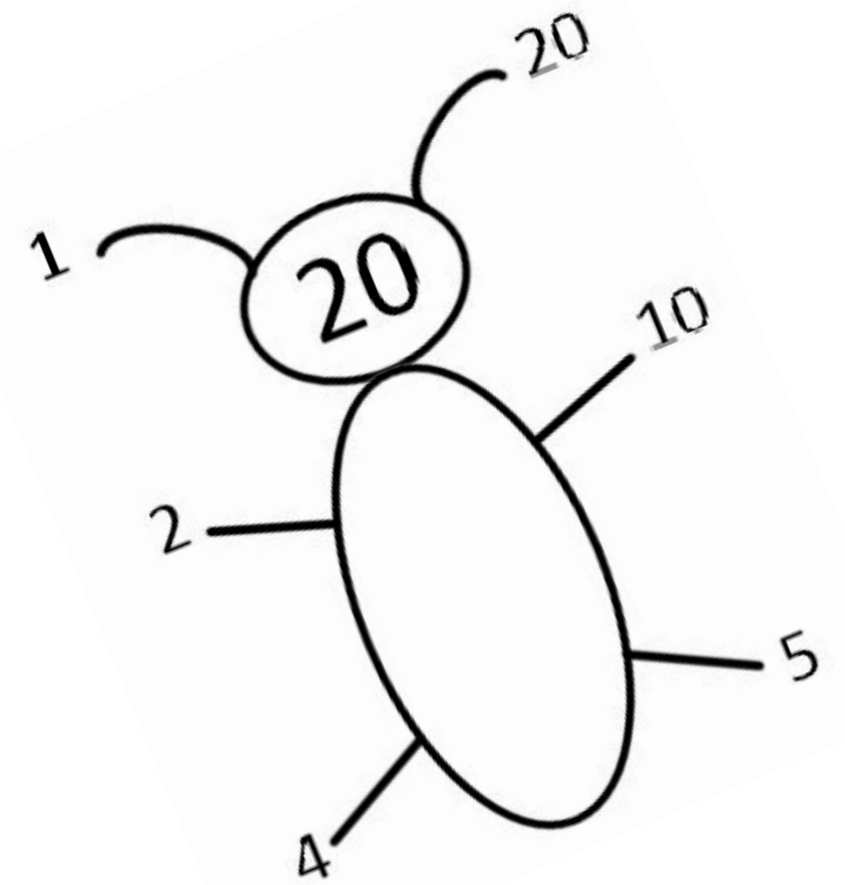
Create Factor Bugs!

How many bugs can you find with more than 4 legs?

How many bugs can you find with a stinger?

How many bugs can you find with exactly 4 legs?

ENJOY EXPLORING YOUR MATHS!

Challenge Slide
Create Factor Bugs!

How many factor pairs can you find for the following numbers?

Can you predict any stingers before you start?

Which number has the largest number of factors?

100, 105, 121, 132, 144,