

Name: \_\_\_\_\_

Year: \_\_\_\_\_

## EYFS (Nursery and Reception)

9      12      6      3

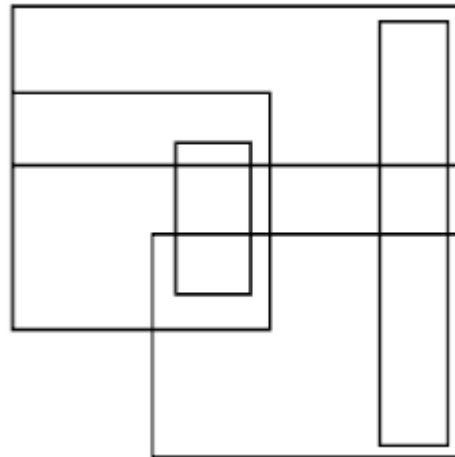
Write down what is two more or  
two less than the above numbers.

Challenge:

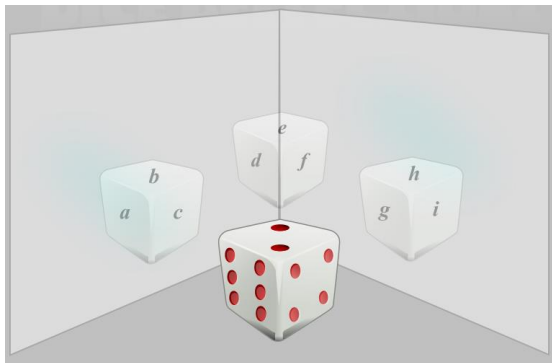
What is three more or three less than  
the above numbers?

## KS1 (Year 1 & 2)

How many rectangles can you see?



## LKS2 (Year 3 & 4)



A dice is reflected in the mirror.  
What numbers would be on the  
reflected faces?

## UKS2 (Year 5 & 6)

The "Verruca Value" of a word is the number of vowels multiplied  
by the number on consonants in that word.

For example:

"Mathematics" is 28 (7 consonants, 4 vowels)

How many words can you find with a Verruca Value of 24?

[What about 23?]



Extra: What is the Verruca Value of your name?

Working out space:

A large, empty rectangular box with a thin black border, intended for students to work out their solution to a problem.

Now explain how you solved the problem!

Six horizontal blue lines of equal length, stacked vertically, providing space for students to write their explanation of how they solved the problem.

Remember you can work the challenge out any way you would like to: draw pictures, use materials like buttons as counters, count in your head... Just make sure you show this on your solution paper!