

Maths Challenges

Foundation Stage

Roll the dice. Count the number of dots. Can you write this number down? Roll the dice again. Which number have you rolled? Is this bigger or smaller than the first?

<https://eslkidsgames.com/classroom-dice>

Key Stage 1

I have four coins. They total 6p. Which four coins could I have?
How many different ways can you do this?

What if I had 7p?

Lower Key Stage 2

The dots on the opposite side of a dice total 7. I roll a dice.
I can see 17 dots. Which number is face down?

If I roll 2 dice, which aren't touching, which numbers must be face down for there to be a total of 30, which can be seen?

Upper Key Stage 2

You have the digits 0-9.

Can you arrange them to find 5 multiples of 3?

Can you arrange them to find 5 numbers that are multiples of 7?

Can you create 5 prime numbers?