

Whole School Learning

Maths Challenges

Foundation Stage

Roll a dice. Count the number of spots. Can you find objects to represent this number at home?

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

Key Stage 1

You have these coins - 10p, 5p, 2p and 1p.

How many different amounts can you make? Which is the smallest? Which is the largest?

Lower Key Stage 2

Choose three different digits. Use these and the symbols + and x. How many different totals can you make? Which is the largest? Which is the smallest? What about if you used 4 digits?

Upper Key Stage 2

Can you use the digits 1, 2, 3 and 4 and +, -, x and \div symbols to make the numbers from 1 to 30.

Each of the numbers has to be used every time, for example $1 + 2 + 3 + 4 = 10$.