

Maths Challenges

Foundation Stage

Roll the dice. Count the dots. Can you write this number down?
Roll again and write this number. Start with the biggest number, count on to add the two dice numbers together.

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

Key Stage 1

In the number 23, the digits add up to 5 ($2 + 3 = 5$).

Can you find any other numbers where the digits total 5 when they're added together? How many can you find?

Lower Key Stage 2

On each card, there is a number from 1 to 8. I choose 4 cards that add up to 20. Which cards could I have chosen?

How many different ways can you find to do this?

Upper Key Stage 2

A notebook costs £1.80 and a pen costs £1.40.

I spend £20. How many notebooks and pens could I buy?

How many ways can you find to spend £20?