

How many proper dice?

How many different ways do you think Julius can put the numbers 1, 2, 3, 4, 5 and 6 on the faces of a cube to make a 'normal' die? Why?

Work with the whole class to find out how many different dice can be produced.

Do you think these dice are really different, or are they the same? Why?

Do you think these dice are fair? Why?

What are the possible numbers you can get by rolling two 'proper' dice? What is the probability of rolling each of these numbers? Fill out the table with the numbers and probabilities (fractions).

Number						
Probability						
Number						
Probability						