

1.5 THE VALUE OF DICE

Objective: Recognise the place value of each digit in a 3-digit number (hundredths, tens, ones)

Instructions

1. You need three dice and a ones, tens and hundredths column chart. You also need a selection of toy bricks, dried pasta, pebbles or similar
2. Roll the dice. Let's say you roll a 4, a 5 and a 3
3. Use the numbers to make a 3-digit numbers (e.g. 534)
4. Dash to the chart and put the correct number of items in each column to represent each digit in each number. So, 534 would have five objects in the hundredths column, three in the tens column, and 4 in the ones, for example. Note the value of each digit in each column
5. Repeat 5 times, keeping a record of your numbers and the value of each digit
6. Play with a friend. On the same roll of dice what number can you make? Who can make the highest number? Smallest number?

Challenge

Ask someone to think of a number between 110 and 999. Tell them as quickly as you can how many hundredths, tens and ones are in their number.

