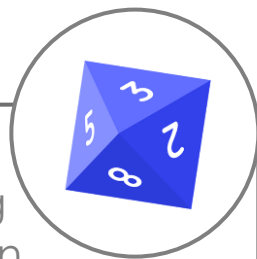


Supporting Activities

Numbers to Ten Million



Tick Tock: An activity for a group to be used in class or intervention to help children's understanding of the value of each digit in numbers up to ten million.

Resources: You will need a place value chart, whiteboard pens, counters, arrow cards, a timer and an 8-sided dice.

Activity: In pairs, children roll the dice 7 times to create 7 digits. Children to have one minute to arrange the digits as a 7-digit number and represent the number in different ways. When the timer ends, they must describe their number using partitioning. To extend the activity, add in parameters, for example: the number must have X tens and Y millions.

Example:

The digits 5, 6, 4, 8, 3, 2, 7 are rolled on the dice. The timer is started.

Player 1: Creates the number 6,458,732. They represent their number in the place value chart, using counters and using arrow cards.

Player 2: Creates the number 2,278,456. They represent their number in the place value chart, using counters and using arrow cards.

The timer ends.

Player 1: Describes their number as having 2 ones, 3 tens, 7 hundreds etc.

Player 2: Describes their number as having 6 ones, 5 tens, 5 hundreds etc.