

# SUMS OF ODD AND EVEN NUMBERS

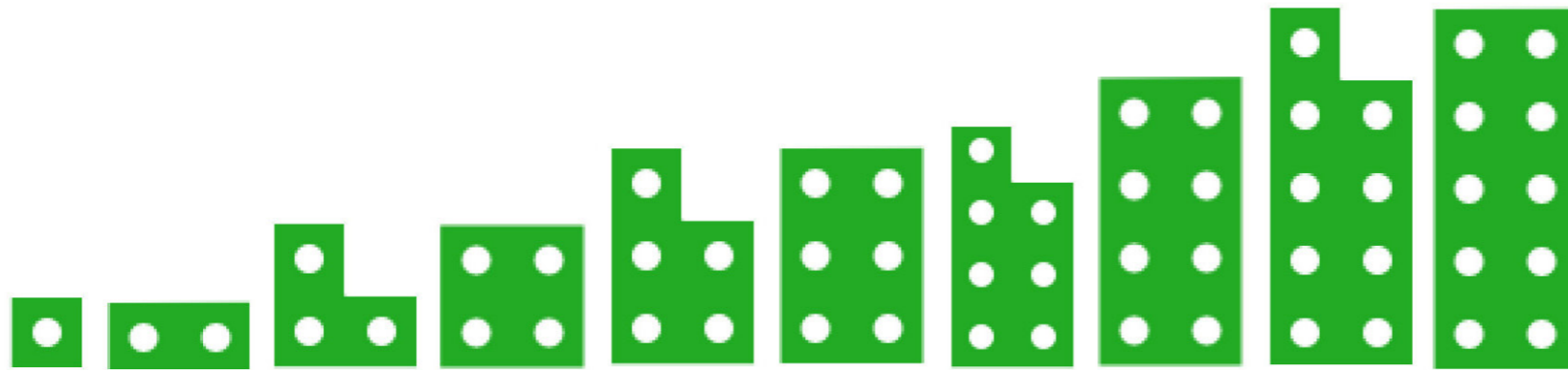
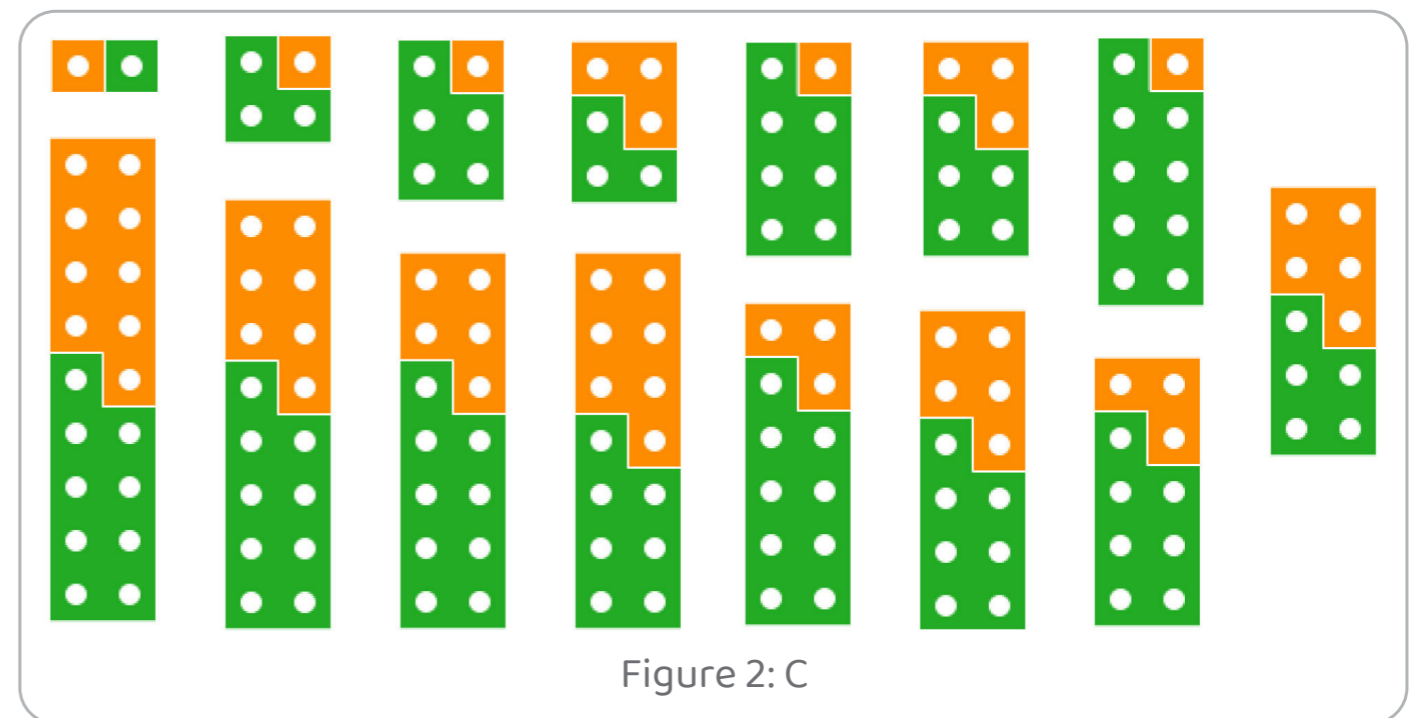
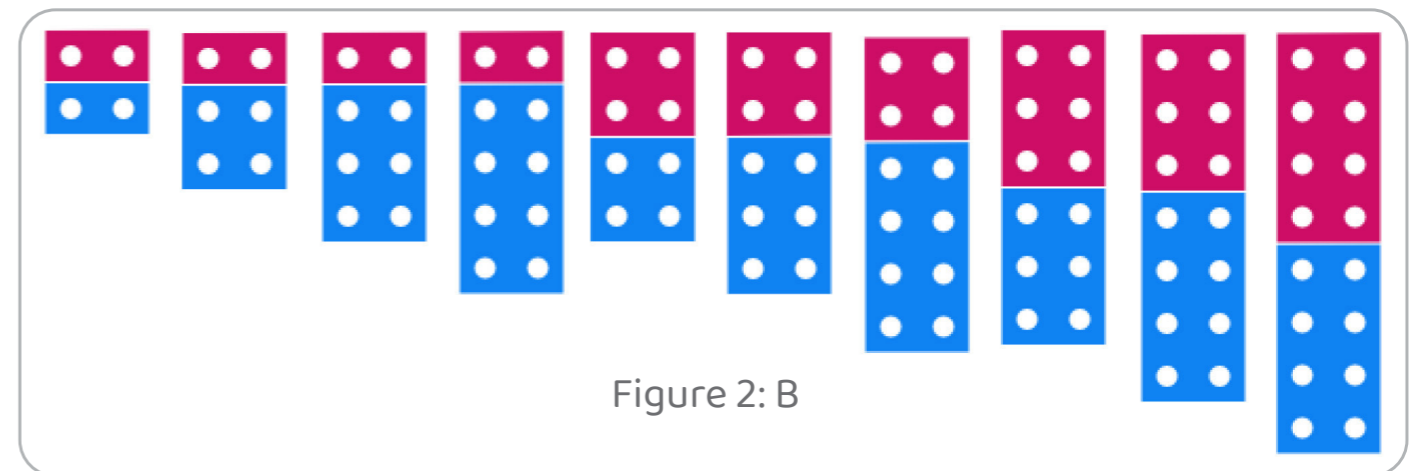
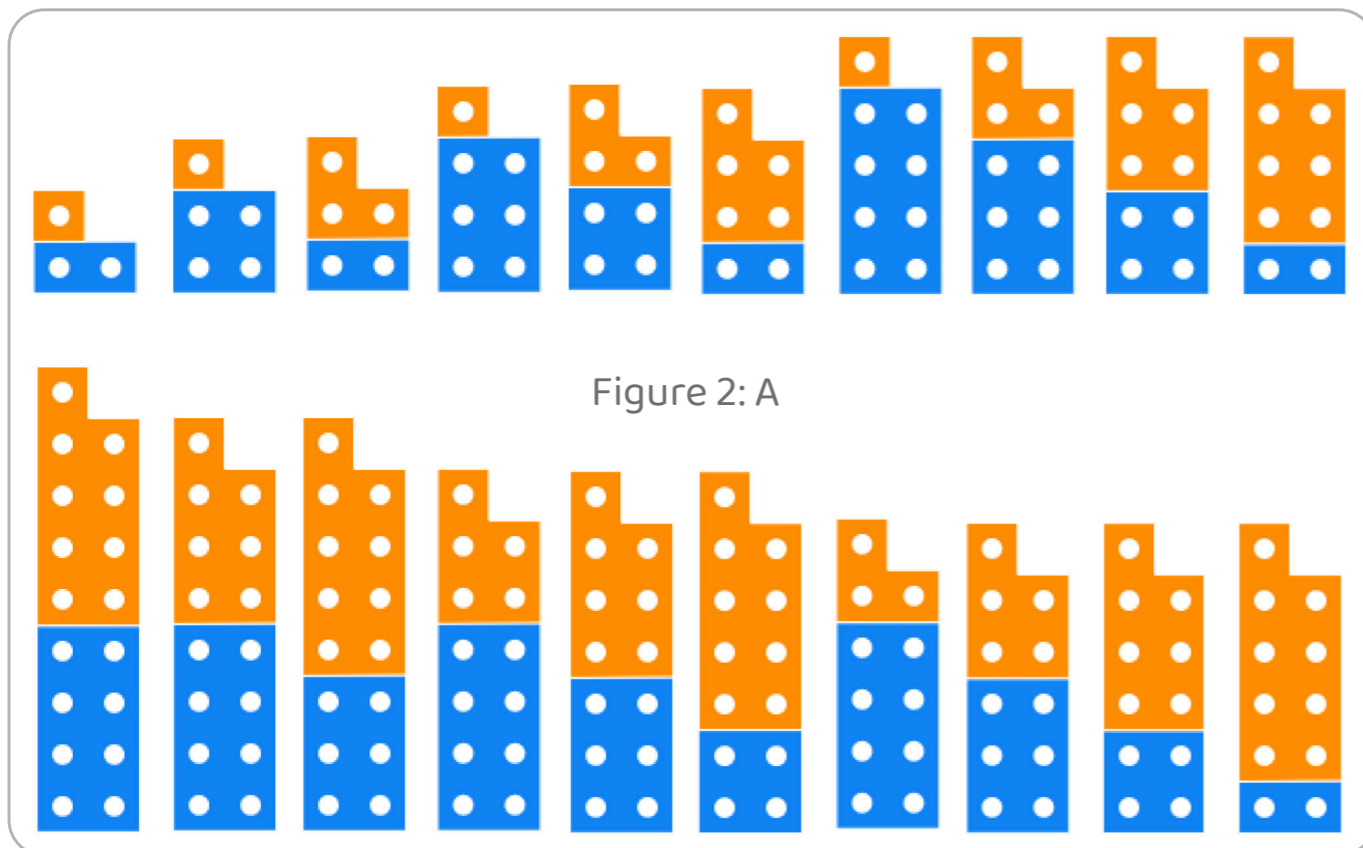


Figure 1: These are the first ten natural numbers, 1, 2, ... 10 shown as ten-frame cutouts. The last one (10) is called a full frame. What do you notice about the tops of alternate numbers?

In each of the images in the three groups A, B and C, two numbers (shown in contrasting colours) are added. What do you notice about these numbers and about their sum?



Can you make 13, 18, or any whole number greater than zero if you have enough ten-frames? How?

What about 125? 602? 1234?

Why does the units digit of a number determine whether it is odd or even?