Each subsequent number sentence will use two more new numbers.

The first number sentence uses up three different numbers.

The third number sentence uses up another two new numbers.

Therefore, it is impossible to use exactly all the numbers on the 1-20 number line.

The 1-20 number line has twenty numbers on it.

Therefore, the total number of numbers used will go up in twos from seven.

The second number sentence uses up two new numbers.

Going up in 2s from 7 we will never get to 20 exactly – only 19 or 21.

The total number of numbers used so far is 3+2+2=7.