



There are two dice, each of them with faces labelled from 1 to 6. When the dice are rolled they can be combined in two different ways to make a 2-digit number.

For example, if I roll a 2 and a 3 I can combine them to make 23 or 32.

Now round each of these numbers to the nearest 10: 23 rounds to 20 and 32 rounds to 30.

Repeat for other rolls of the dice.

Do both of the numbers you make ever round to the same multiple of 10?