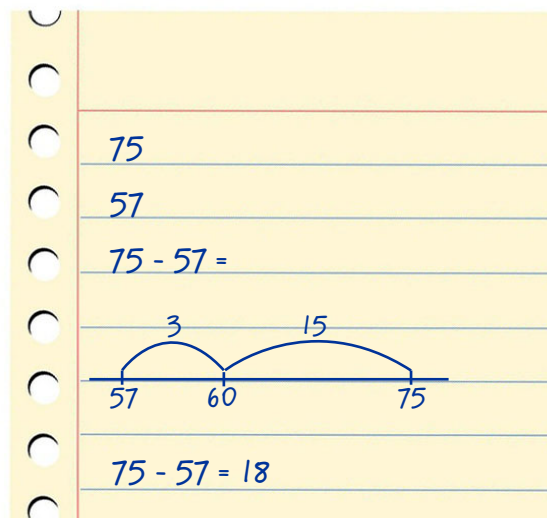# Twisted subtractions

1. Think of a two-digit number.
   Write the digits in the opposite order to create a new number.

2. Subtract the smaller number from the larger number.

3. Repeat with a new two-digit number.

4. Do you notice anything about the answers?

5. Try some other two–digit numbers and see if you can see anything special about all of the answers to these special subtractions.

What happens if you use numbers with consecutive digits, e.g. 43 – 34 and 65 – 56?

75

57

75 - 57 =

3   15

57   60   75

75 - 57 = 18