Riveting reversals

- Think of a 4-digit number with consecutive digits. Multiply this by 6 and write down your answer.
- 2. Now reverse the digits in the 4-digit number, and multiply by 6 again.

Write down your answer.

- Find the difference between your two answers.
 Write it down.
- 4321 1234 6 х 6 122 11 25926 7404 28926 2345 7404 6 ()18522 1
- 4. Repeat with a new different 4-digit number with consecutive digits, for example 2345 or 4567.

Make sure you write down the difference between your two answers.

- Repeat with several other 4-digit numbers with consecutive digits.
 What happens? Can you think why this is the case?
- 6. Choose a 4-digit number with consecutive digits, but this time multiply by a single-digit number of your choice.

Reverse the digits of the consecutive number and repeat.

What happens this time?