

Lesson 2

1) Sinead thinks of a number.

I add 3,000 to it, subtract 70, add 4, then subtract 200. My answer is 5,099.



What number did she start with?

2) Hafsa thinks of a number.

I subtract 200 from it and add 20. My answer is 2,539.



What number did she start with?

3) Complete the sequence:



What is the sequence increasing by each time?
Explain how you know.

4) Complete the sequence:



What is the sequence decreasing by each time?
Explain how you know.

5) Lucy says,

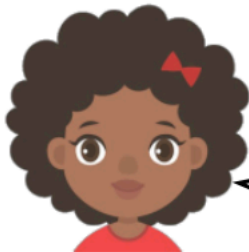


Lucy

**When I subtract 50
from 4,659, I get 4,654.**

Correct Lucy's answer and explain her mistake.

6) Kelly says,



Kelly

**When I add 600 to
2,799, I get 8,799.**

Correct Kelly's answer and explain her mistake.

Extra challenge

Complete the calculation using the digit cards below. You can use each card more than once. Explore various combinations.

$$6,324 - \boxed{\text{A}} - \boxed{\text{B}} = 3,947$$



A must be a 4-digit number and B must have more than 3 tens.