Missing Number Patterns

FREE Worksheet - 5

Time: 10 minutes

(Detailed solutions at the end)

1. What is the missing number in the number pattern below?

   6738, 6538, 6338, 6138, _____

a. 5838	b. 5928
c. 5938	d. 6038

2. A counting tape has numbers arranged in a pattern. Find the missing number in the counting tape below.

   5881, 5181, 4481, 3781, _____

a. 3081	b. 3071
c. 3181	d. 2981

3. Shakira has some paper boats with numbers on them that she is arranging in a pattern. What is the missing number in Shakira's pattern?

   7907, 7807, 7707, _____, 7507

a. 7597	b. 7407
c. 7807	d. 7607

4. What is the missing number in the number pattern below?

    7078, 7378, 7678, _____, 8278

    Answer:_____

5. Anika has some paper balls with numbers on them that she is arranging in a pattern. What is the missing number in Anika's pattern?

    1702, 2102, _____, 2902, 3302

    Answer:_____

6. Sonia has some tiles with numbers on them that she is arranging in a pattern. What is the missing number in Sonia's pattern?
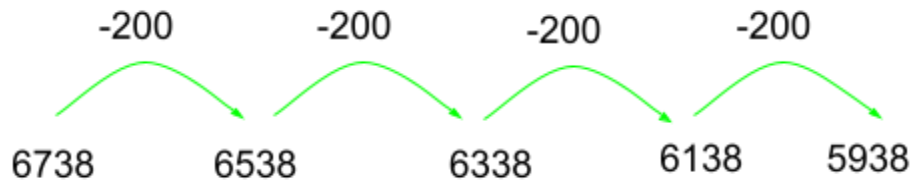
    6407, _____, 6607, 6707, 6807

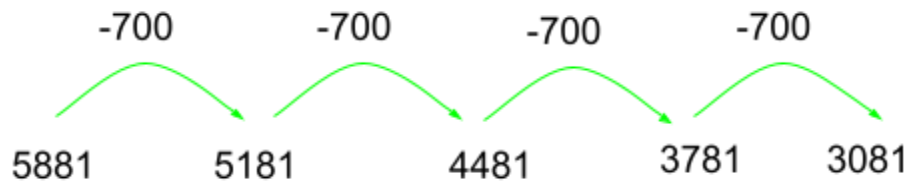   Answer:_____

SOLUTIONS

Problem 1

Rule: Subtract 200 to get the next number.

The missing number is *5938*.

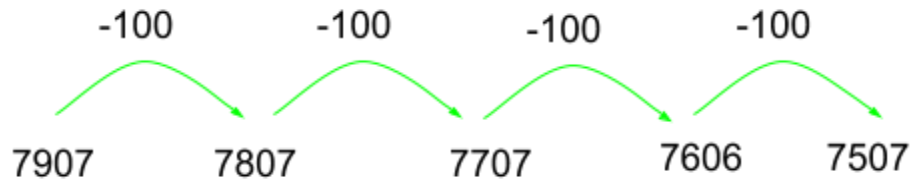## Problem 2

Rule: Subtract 700 to get the next number.

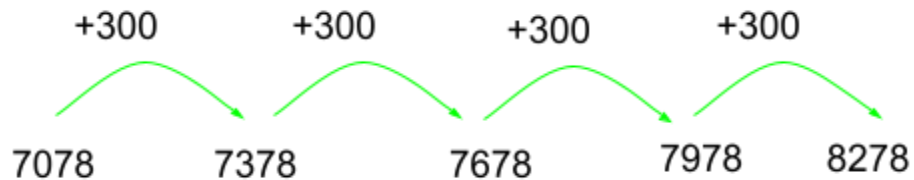The missing number is *3081*.

Problem 3

Rule: Subtract 100 to get the next number.

The missing number is *7607*.
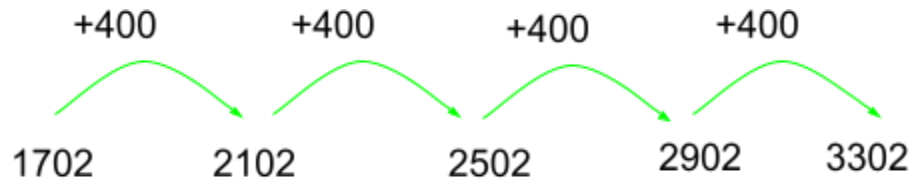
Problem 4

Rule: Add 300 to get the next number.
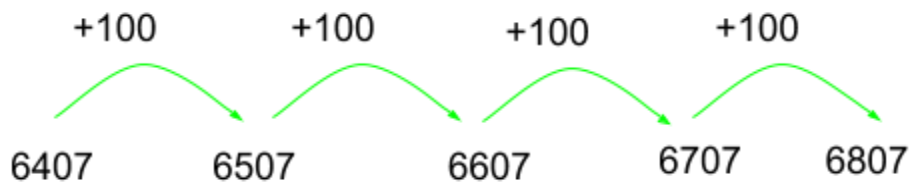

The missing number is *7978*.

Problem 5

Rule: Add 400 to get the next number.

+400	+400	+400	+400
1702	2102	2502	2902	3302

The missing number is *2502*.

Problem 6

Rule: Add 100 to get the next number.

+100	+100	+100	+100
6407	6507	6607	6707	6807

The missing number is *6507*.