What are Number Patterns?

FREE Worksheet - 3

Time: 10 minutes

(Detailed solutions at the end)

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1. Darby has some eggs with numbers on them that she is arranging in a pattern. What is the missing number in Darby's pattern?

   2156, _____, 1956, 1856, 1756

   a. 2056   b. 2256
   c. 2066   d. 2046

2. Complete the number pattern.

   6701, 6601, 6501, 6401, _____

   a. 6301   b. 6291
   c. 6401   d. 6101

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

   2062, 2462, 2862, 3262, _____

   a. 3462   b. 3662
   c. 3862   d. 3762

4. Complete the number pattern.

   4573, 5073, 5573, 6073, _____

   a. 6473   b. 6563
   c. 6373   d. 6573

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

   5689, 6689, _____, 8689, 9689

   a. 7589   b. 7889
   c. 7489   d. 7689

6. Fill in the missing number in the number pattern below.

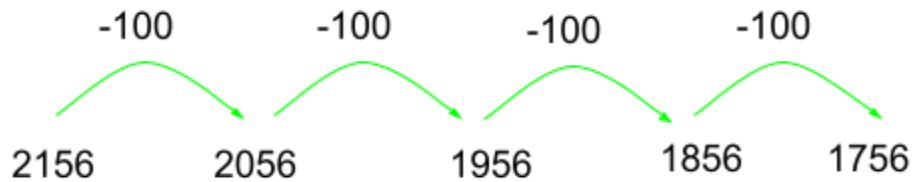   9932, 9132, 8332, _____, 6732

   a. 7632   b. 7532
   c. 7522   d. 7332

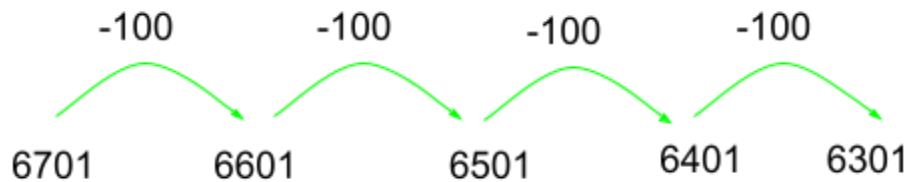# SOLUTIONS

Problem 1

Rule: Subtract 100 to get the next number.

The missing number is *2056*.

Problem 2
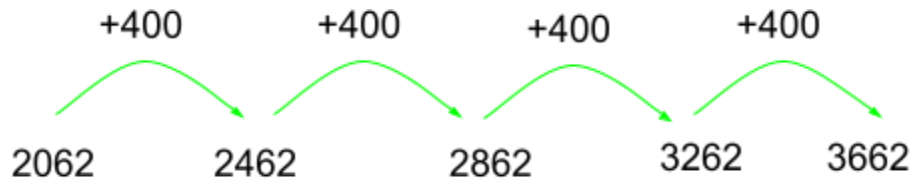
Rule: Subtract 100 to get the next number.

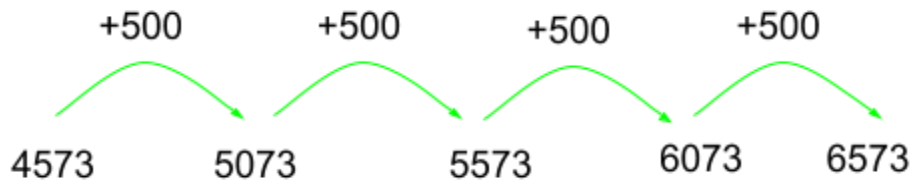The missing number is *6301*.

Problem 3

Rule: Add 400 to get the next number.

+400   +400   +400   +400

2062   2462   2862   3262   3662

The missing number is *3662*.

Problem 4

Rule: Add 500 to get the next number.

+500   +500   +500   +500

4573   5073   5573   6073   6573

The missing number is *6573*.

Problem 5

Rule: Add 1000 to get the next number.

| +1000 | +1000 | +1000 | +1000 |

4573   5073   5573   6073   6573
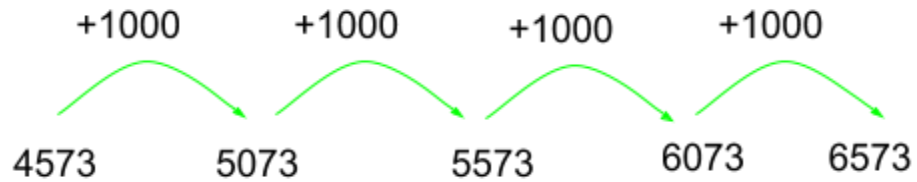
The missing number is *7689*.

Problem 6

Rule: Subtract 800 to get the next number.

| -800 | -800 | -800 | -800 |

9932   9132   8332   7532   6732

The missing number is *7532*.