

Name: _____

Number Patterns

1. Examine the number pattern below.

1,203 , 1,624 , 2,045 , 2,466 ...

What rule does this pattern follow? _____

Write the next three numbers in the pattern. _____, _____, _____

If the pattern continues, what will the 10th number in the sequence be? _____

2. Examine the number pattern below.

10,000 , 9,899 , 9,798 , 9,697 ...

What rule does this pattern follow? _____

Write the next three numbers in the pattern. _____, _____, _____

If the pattern continues, what will the 11th number in the sequence be? _____

3. Examine the number pattern below.

5,554 , 5,274 , 4,994 , 4,714 ...

What rule does this pattern follow? _____

Write the next three numbers in the pattern. _____, _____, _____

If the pattern continues, what will the 12th number in the sequence be? _____

ANSWER KEY

Number Patterns

1. Examine the number pattern below.

1,203 , 1,624 , 2,045 , 2,466 ...

What rule does this pattern follow?

add 421

Write the next three numbers in the pattern.

2,887 ; 3,308 ; 3,729

If the pattern continues, what will the 10th number in the sequence be?

4,992

2. Examine the number pattern below.

10,000 , 9,899 , 9,798 , 9,697 ...

What rule does this pattern follow?

subtract 101

Write the next three numbers in the pattern.

9,596 ; 9,495 ; 9,394

If the pattern continues, what will the 11th number in the sequence be?

8,990

3. Examine the number pattern below.

5,554 , 5,274 , 4,994 , 4,714 ...

What rule does this pattern follow?

subtract 280

Write the next three numbers in the pattern.

4,434 ; 4,154 ; 3,874

If the pattern continues, what will the 12th number in the sequence be?

2,474