

# Finding Next Number in Pattern

Name: \_\_\_\_\_

**Find the next number in the pattern.**

**Ex)** Find the next number in the pattern.

1,024 , 256 , 64 , 16 , \_\_\_\_\_ Rule: Divide 4

**1)** Find the next number in the pattern.

62 , 52 , 42 , 32 , 22 , 12 , \_\_\_\_\_

**2)** Find the next number in the pattern.

3 , 7 , 11 , 15 , \_\_\_\_\_

**3)** Find the next number in the pattern.

5 , 12 , 19 , 26 , 33 , 40 , \_\_\_\_\_

**4)** Find the next number in the pattern.

9 , 16 , 23 , 30 , 37 , 44 , \_\_\_\_\_

**5)** Find the next number in the pattern.

8 , 12 , 16 , 20 , \_\_\_\_\_

**6)** Find the next number in the pattern.

38 , 29 , 20 , 11 , \_\_\_\_\_

**7)** Find the next number in the pattern.

162 , 54 , 18 , \_\_\_\_\_

**8)** Find the next number in the pattern.

2 , 10 , 50 , 250 , \_\_\_\_\_

**9)** Find the next number in the pattern.

9 , 36 , 144 , \_\_\_\_\_

**10)** Find the next number in the pattern.

30 , 26 , 22 , 18 , 14 , \_\_\_\_\_

**11)** Find the next number in the pattern.

64 , 32 , 16 , 8 , \_\_\_\_\_

**12)** Find the next number in the pattern.

2 , 4 , 8 , 16 , \_\_\_\_\_

**13)** Find the next number in the pattern.

512 , 128 , 32 , \_\_\_\_\_

**14)** Find the next number in the pattern.

59 , 50 , 41 , 32 , 23 , 14 , \_\_\_\_\_

**15)** Find the next number in the pattern.

5 , 20 , 80 , \_\_\_\_\_

## Answers

Ex. **4**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

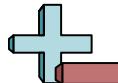
11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



**Find the next number in the pattern.**

**Ex)** Find the next number in the pattern.

$$1,024, 256, 64, 16, \underline{4} \quad \text{Rule: Divide 4}$$

**1)** Find the next number in the pattern.

$$62, 52, 42, 32, 22, 12, \underline{2} \quad \text{Rule: Subtract 10}$$

**2)** Find the next number in the pattern.

$$3, 7, 11, 15, \underline{19} \quad \text{Rule: Add 4}$$

**3)** Find the next number in the pattern.

$$5, 12, 19, 26, 33, 40, \underline{47} \quad \text{Rule: Add 7}$$

**4)** Find the next number in the pattern.

$$9, 16, 23, 30, 37, 44, \underline{51} \quad \text{Rule: Add 7}$$

**5)** Find the next number in the pattern.

$$8, 12, 16, 20, \underline{24} \quad \text{Rule: Add 4}$$

**6)** Find the next number in the pattern.

$$38, 29, 20, 11, \underline{2} \quad \text{Rule: Subtract 9}$$

**7)** Find the next number in the pattern.

$$162, 54, 18, \underline{6} \quad \text{Rule: Divide 3}$$

**8)** Find the next number in the pattern.

$$2, 10, 50, 250, \underline{1,250} \quad \text{Rule: Multiply 5}$$

**9)** Find the next number in the pattern.

$$9, 36, 144, \underline{576} \quad \text{Rule: Multiply 4}$$

**10)** Find the next number in the pattern.

$$30, 26, 22, 18, 14, \underline{10} \quad \text{Rule: Subtract 4}$$

**11)** Find the next number in the pattern.

$$64, 32, 16, 8, \underline{4} \quad \text{Rule: Divide 2}$$

**12)** Find the next number in the pattern.

$$2, 4, 8, 16, \underline{32} \quad \text{Rule: Multiply 2}$$

**13)** Find the next number in the pattern.

$$512, 128, 32, \underline{8} \quad \text{Rule: Divide 4}$$

**14)** Find the next number in the pattern.

$$59, 50, 41, 32, 23, 14, \underline{5} \quad \text{Rule: Subtract 9}$$

**15)** Find the next number in the pattern.

$$5, 20, 80, \underline{320} \quad \text{Rule: Multiply 4}$$

## Answers

Ex. 4

1. 2

2. 19

3. 47

4. 51

5. 24

6. 2

7. 6

8. 1,250

9. 576

10. 10

11. 4

12. 32

13. 8

14. 5

15. 320