



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

**Answers**

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

37 , 30 , 23 , 16 , 9 , 2      Rule: Subtract 7

Ex. 2

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

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

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

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

9 , 17 , 25 , 33 , 41 , \_\_\_\_\_

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

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

135 , 45 , 15 , \_\_\_\_\_

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

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

5 , 20 , 80 , 320 , \_\_\_\_\_

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

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

3 , 6 , 12 , \_\_\_\_\_

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

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

75 , 65 , 55 , 45 , 35 , 25 , 15 , \_\_\_\_\_

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

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

1 , 9 , 17 , 25 , \_\_\_\_\_

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

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

6 , 12 , 24 , \_\_\_\_\_

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

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

2 , 11 , 20 , 29 , \_\_\_\_\_

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

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

55 , 46 , 37 , 28 , 19 , 10 , \_\_\_\_\_

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

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

25 , 21 , 17 , 13 , 9 , \_\_\_\_\_

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

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

405 , 135 , 45 , 15 , \_\_\_\_\_

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

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

6 , 9 , 12 , 15 , 18 , 21 , 24 , \_\_\_\_\_

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

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

729 , 243 , 81 , 27 , \_\_\_\_\_

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

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

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

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



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

- Ex)** Find the next number in the pattern.  
 37 , 30 , 23 , 16 , 9 , 2    **Rule: Subtract 7**
- 1)** Find the next number in the pattern.  
 8 , 16 , 32 , 64 , 128    **Rule: Multiply 2**
- 2)** Find the next number in the pattern.  
 9 , 17 , 25 , 33 , 41 , 49    **Rule: Add 8**
- 3)** Find the next number in the pattern.  
 135 , 45 , 15 , 5    **Rule: Divide 3**
- 4)** Find the next number in the pattern.  
 5 , 20 , 80 , 320 , 1,280    **Rule: Multiply 4**
- 5)** Find the next number in the pattern.  
 3 , 6 , 12 , 24    **Rule: Multiply 2**
- 6)** Find the next number in the pattern.  
 75 , 65 , 55 , 45 , 35 , 25 , 15 , 5    **Rule: Subtract 10**
- 7)** Find the next number in the pattern.  
 1 , 9 , 17 , 25 , 33    **Rule: Add 8**
- 8)** Find the next number in the pattern.  
 6 , 12 , 24 , 48    **Rule: Multiply 2**
- 9)** Find the next number in the pattern.  
 2 , 11 , 20 , 29 , 38    **Rule: Add 9**
- 10)** Find the next number in the pattern.  
 55 , 46 , 37 , 28 , 19 , 10 , 1    **Rule: Subtract 9**
- 11)** Find the next number in the pattern.  
 25 , 21 , 17 , 13 , 9 , 5    **Rule: Subtract 4**
- 12)** Find the next number in the pattern.  
 405 , 135 , 45 , 15 , 5    **Rule: Divide 3**
- 13)** Find the next number in the pattern.  
 6 , 9 , 12 , 15 , 18 , 21 , 24 , 27    **Rule: Add 3**
- 14)** Find the next number in the pattern.  
 729 , 243 , 81 , 27 , 9    **Rule: Divide 3**
- 15)** Find the next number in the pattern.  
 64 , 32 , 16 , 8    **Rule: Divide 2**

**Answers**

- Ex. 2
1. 128
2. 49
3. 5
4. 1,280
5. 24
6. 5
7. 33
8. 48
9. 38
10. 1
11. 5
12. 5
13. 27
14. 9
15. 8