



**Find the rule the pattern is using.**

**Answers**

**Ex)** Find the rule the pattern is using.

10 , 17 , 24 , 31 , 38 , 45

Rule =     Add 7    

Ex.     Add 7    

**1)** Find the rule the pattern is using.

9 , 27 , 81 , 243 , 729

Rule = \_\_\_\_\_

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

**2)** Find the rule the pattern is using.

51 , 41 , 31 , 21 , 11 , 1

Rule = \_\_\_\_\_

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

**3)** Find the rule the pattern is using.

60 , 52 , 44 , 36 , 28 , 20 , 12 , 4

Rule = \_\_\_\_\_

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

**4)** Find the rule the pattern is using.

768 , 192 , 48 , 12 , 3

Rule = \_\_\_\_\_

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

**5)** Find the rule the pattern is using.

6 , 18 , 54 , 162

Rule = \_\_\_\_\_

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

**6)** Find the rule the pattern is using.

59 , 52 , 45 , 38 , 31 , 24 , 17 , 10

Rule = \_\_\_\_\_

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

**7)** Find the rule the pattern is using.

3 , 15 , 75 , 375

Rule = \_\_\_\_\_

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

**8)** Find the rule the pattern is using.

8 , 32 , 128 , 512

Rule = \_\_\_\_\_

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

**9)** Find the rule the pattern is using.

7 , 17 , 27 , 37 , 47 , 57 , 67 , 77

Rule = \_\_\_\_\_

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

**10)** Find the rule the pattern is using.

32 , 16 , 8 , 4 , 2

Rule = \_\_\_\_\_

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

**11)** Find the rule the pattern is using.

9 , 16 , 23 , 30 , 37 , 44

Rule = \_\_\_\_\_

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

**12)** Find the rule the pattern is using.

112 , 56 , 28 , 14 , 7

Rule = \_\_\_\_\_

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

**13)** Find the rule the pattern is using.

96 , 48 , 24 , 12 , 6

Rule = \_\_\_\_\_

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

**14)** Find the rule the pattern is using.

9 , 19 , 29 , 39 , 49

Rule = \_\_\_\_\_

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

**15)** Find the rule the pattern is using.

24 , 19 , 14 , 9 , 4

Rule = \_\_\_\_\_

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



**Find the rule the pattern is using.**

- Ex)** Find the rule the pattern is using.  
 10 , 17 , 24 , 31 , 38 , 45      Rule =     Add 7
- 1)** Find the rule the pattern is using.  
 9 , 27 , 81 , 243 , 729      Rule =     Multiply 3
- 2)** Find the rule the pattern is using.  
 51 , 41 , 31 , 21 , 11 , 1      Rule =     Subtract 10
- 3)** Find the rule the pattern is using.  
 60 , 52 , 44 , 36 , 28 , 20 , 12 , 4      Rule =     Subtract 8
- 4)** Find the rule the pattern is using.  
 768 , 192 , 48 , 12 , 3      Rule =     Divide 4
- 5)** Find the rule the pattern is using.  
 6 , 18 , 54 , 162      Rule =     Multiply 3
- 6)** Find the rule the pattern is using.  
 59 , 52 , 45 , 38 , 31 , 24 , 17 , 10      Rule =     Subtract 7
- 7)** Find the rule the pattern is using.  
 3 , 15 , 75 , 375      Rule =     Multiply 5
- 8)** Find the rule the pattern is using.  
 8 , 32 , 128 , 512      Rule =     Multiply 4
- 9)** Find the rule the pattern is using.  
 7 , 17 , 27 , 37 , 47 , 57 , 67 , 77      Rule =     Add 10
- 10)** Find the rule the pattern is using.  
 32 , 16 , 8 , 4 , 2      Rule =     Divide 2
- 11)** Find the rule the pattern is using.  
 9 , 16 , 23 , 30 , 37 , 44      Rule =     Add 7
- 12)** Find the rule the pattern is using.  
 112 , 56 , 28 , 14 , 7      Rule =     Divide 2
- 13)** Find the rule the pattern is using.  
 96 , 48 , 24 , 12 , 6      Rule =     Divide 2
- 14)** Find the rule the pattern is using.  
 9 , 19 , 29 , 39 , 49      Rule =     Add 10
- 15)** Find the rule the pattern is using.  
 24 , 19 , 14 , 9 , 4      Rule =     Subtract 5

**Answers**

- Ex.     Add 7
1.     Multiply 3
2.     Subtract 10
3.     Subtract 8
4.     Divide 4
5.     Multiply 3
6.     Subtract 7
7.     Multiply 5
8.     Multiply 4
9.     Add 10
10.     Divide 2
11.     Add 7
12.     Divide 2
13.     Divide 2
14.     Add 10
15.     Subtract 5