



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

**Answers**

**Ex)** Find the rule the pattern is using.  
7 , 17 , 27 , 37 , 47 , 57 , 67 , 77

Rule =     Add 10    

Ex.     Add 10    

**1)** Find the rule the pattern is using.  
40 , 20 , 10 , 5

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

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

**2)** Find the rule the pattern is using.  
7 , 21 , 63 , 189 , 567

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

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

**3)** Find the rule the pattern is using.  
6 , 18 , 54 , 162 , 486

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

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

**4)** Find the rule the pattern is using.  
24 , 22 , 20 , 18 , 16 , 14 , 12 , 10

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

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

**5)** Find the rule the pattern is using.  
31 , 25 , 19 , 13 , 7

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

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

**6)** Find the rule the pattern is using.  
14 , 12 , 10 , 8 , 6 , 4

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

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

**7)** Find the rule the pattern is using.  
10 , 12 , 14 , 16 , 18 , 20

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

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

**8)** Find the rule the pattern is using.  
729 , 243 , 81 , 27 , 9

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

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

**9)** Find the rule the pattern is using.  
23 , 18 , 13 , 8 , 3

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

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

**10)** Find the rule the pattern is using.  
2 , 6 , 18 , 54 , 162

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

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

**11)** Find the rule the pattern is using.  
216 , 72 , 24 , 8

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

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

**12)** Find the rule the pattern is using.  
6 , 16 , 26 , 36 , 46 , 56

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

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

**13)** Find the rule the pattern is using.  
16 , 8 , 4 , 2

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

**14)** Find the rule the pattern is using.  
3 , 9 , 27 , 81 , 243

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

**15)** Find the rule the pattern is using.  
4 , 10 , 16 , 22 , 28

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



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

- Ex)** Find the rule the pattern is using.  
 7 , 17 , 27 , 37 , 47 , 57 , 67 , 77      Rule =     Add 10
- 1)** Find the rule the pattern is using.  
 40 , 20 , 10 , 5      Rule =     Divide 2
- 2)** Find the rule the pattern is using.  
 7 , 21 , 63 , 189 , 567      Rule =     Multiply 3
- 3)** Find the rule the pattern is using.  
 6 , 18 , 54 , 162 , 486      Rule =     Multiply 3
- 4)** Find the rule the pattern is using.  
 24 , 22 , 20 , 18 , 16 , 14 , 12 , 10      Rule =     Subtract 2
- 5)** Find the rule the pattern is using.  
 31 , 25 , 19 , 13 , 7      Rule =     Subtract 6
- 6)** Find the rule the pattern is using.  
 14 , 12 , 10 , 8 , 6 , 4      Rule =     Subtract 2
- 7)** Find the rule the pattern is using.  
 10 , 12 , 14 , 16 , 18 , 20      Rule =     Add 2
- 8)** Find the rule the pattern is using.  
 729 , 243 , 81 , 27 , 9      Rule =     Divide 3
- 9)** Find the rule the pattern is using.  
 23 , 18 , 13 , 8 , 3      Rule =     Subtract 5
- 10)** Find the rule the pattern is using.  
 2 , 6 , 18 , 54 , 162      Rule =     Multiply 3
- 11)** Find the rule the pattern is using.  
 216 , 72 , 24 , 8      Rule =     Divide 3
- 12)** Find the rule the pattern is using.  
 6 , 16 , 26 , 36 , 46 , 56      Rule =     Add 10
- 13)** Find the rule the pattern is using.  
 16 , 8 , 4 , 2      Rule =     Divide 2
- 14)** Find the rule the pattern is using.  
 3 , 9 , 27 , 81 , 243      Rule =     Multiply 3
- 15)** Find the rule the pattern is using.  
 4 , 10 , 16 , 22 , 28      Rule =     Add 6

**Answers**

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