



**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          

Ex.           Add 10          

1) Find the rule the pattern is using.

40, 20, 10, 5

Rule =           Divide 2          

1.           Divide 2          

2) Find the rule the pattern is using.

7, 21, 63, 189, 567

Rule =           Multiply 3          

2.           Multiply 3          

3) Find the rule the pattern is using.

6, 18, 54, 162, 486

Rule =           Multiply 3          

3.           Multiply 3          

4) Find the rule the pattern is using.

24, 22, 20, 18, 16, 14, 12, 10

Rule =           Subtract 2          

4.           Subtract 2          

5) Find the rule the pattern is using.

31, 25, 19, 13, 7

Rule =           Subtract 6          

5.           Subtract 6          

6) Find the rule the pattern is using.

14, 12, 10, 8, 6, 4

Rule =           Subtract 2          

6.           Subtract 2          

7) Find the rule the pattern is using.

10, 12, 14, 16, 18, 20

Rule =           Add 2          

7.           Add 2          

8) Find the rule the pattern is using.

729, 243, 81, 27, 9

Rule =           Divide 3          

8.           Divide 3          

9) Find the rule the pattern is using.

23, 18, 13, 8, 3

Rule =           Subtract 5          

9.           Subtract 5          

10) Find the rule the pattern is using.

2, 6, 18, 54, 162

Rule =           Multiply 3          

10.           Multiply 3          

11) Find the rule the pattern is using.

216, 72, 24, 8

Rule =           Divide 3          

11.           Divide 3          

12) Find the rule the pattern is using.

6, 16, 26, 36, 46, 56

Rule =           Add 10          

12.           Add 10          

13) Find the rule the pattern is using.

16, 8, 4, 2

Rule =           Divide 2          

13.           Divide 2          

14) Find the rule the pattern is using.

3, 9, 27, 81, 243

Rule =           Multiply 3          

14.           Multiply 3          

15) Find the rule the pattern is using.

4, 10, 16, 22, 28

Rule =           Add 6          

15.           Add 6          

**Answers**