



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

**Answers**

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

2 , 9 , 16 , 23 , 30 , 37

Rule =           Add 7          

Ex.           Add 7          

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

8 , 16 , 32 , 64 , 128

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

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

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

49 , 41 , 33 , 25 , 17 , 9

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

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

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

135 , 45 , 15 , 5

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

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

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

5 , 20 , 80 , 320 , 1280

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

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

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

3 , 6 , 12 , 24

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

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

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

5 , 15 , 25 , 35 , 45 , 55 , 65 , 75

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

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

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

33 , 25 , 17 , 9 , 1

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

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

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

6 , 12 , 24 , 48

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

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

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

38 , 29 , 20 , 11 , 2

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

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

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

1 , 10 , 19 , 28 , 37 , 46 , 55

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

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

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

5 , 9 , 13 , 17 , 21 , 25

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

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

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

405 , 135 , 45 , 15 , 5

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

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

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

27 , 24 , 21 , 18 , 15 , 12 , 9 , 6

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

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

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

729 , 243 , 81 , 27 , 9

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

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

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

64 , 32 , 16 , 8

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

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



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- 14)** Find the rule the pattern is using.  
729 , 243 , 81 , 27 , 9
- 15)** Find the rule the pattern is using.  
64 , 32 , 16 , 8

Rule =     Add 7    

Rule =     Multiply 2    

Rule =     Subtract 8    

Rule =     Divide 3    

Rule =     Multiply 4    

Rule =     Multiply 2    

Rule =     Multiply 2    

Rule =     Add 10    

Rule =     Subtract 8    

Rule =     Multiply 2    

Rule =     Subtract 9    

Rule =     Add 9    

Rule =     Add 4    

Rule =     Divide 3    

Rule =     Subtract 3    

Rule =     Add 4    

Rule =     Divide 3    

Rule =     Subtract 3    

Rule =     Divide 3    

Rule =     Divide 2    

**Answers**

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