



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

**Answers**

**Ex)** Find the rule the pattern is using.  
64 , 55 , 46 , 37 , 28 , 19 , 10 , 1

Rule = Subtract 9

Ex. Subtract 9

**1)** Find the rule the pattern is using.  
375 , 75 , 15 , 3

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

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

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

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

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

**3)** Find the rule the pattern is using.  
6 , 10 , 14 , 18 , 22 , 26

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

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

**4)** Find the rule the pattern is using.  
8 , 13 , 18 , 23 , 28

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

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

**5)** Find the rule the pattern is using.  
8 , 24 , 72 , 216 , 648

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

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

**6)** Find the rule the pattern is using.  
59 , 49 , 39 , 29 , 19 , 9

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

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

**7)** Find the rule the pattern is using.  
43 , 37 , 31 , 25 , 19 , 13 , 7 , 1

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

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

**8)** Find the rule the pattern is using.  
7 , 28 , 112 , 448

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

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

**9)** Find the rule the pattern is using.  
625 , 125 , 25 , 5

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

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

**10)** Find the rule the pattern is using.  
7 , 10 , 13 , 16 , 19 , 22 , 25

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

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

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

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

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

**12)** Find the rule the pattern is using.  
8 , 16 , 32 , 64 , 128

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

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

**13)** Find the rule the pattern is using.  
19 , 17 , 15 , 13 , 11 , 9 , 7

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

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

**14)** Find the rule the pattern is using.  
256 , 64 , 16 , 4

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

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

**15)** Find the rule the pattern is using.  
3 , 13 , 23 , 33 , 43 , 53 , 63

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

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



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

**Ex)** Find the rule the pattern is using.  
64 , 55 , 46 , 37 , 28 , 19 , 10 , 1

Rule = Subtract 9

**Answers**

Ex. Subtract 9

**1)** Find the rule the pattern is using.  
375 , 75 , 15 , 3

Rule = Divide 5

1. Divide 5

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

Rule = Multiply 3

2. Multiply 3

**3)** Find the rule the pattern is using.  
6 , 10 , 14 , 18 , 22 , 26

Rule = Add 4

3. Add 4

**4)** Find the rule the pattern is using.  
8 , 13 , 18 , 23 , 28

Rule = Add 5

4. Add 5

**5)** Find the rule the pattern is using.  
8 , 24 , 72 , 216 , 648

Rule = Multiply 3

5. Multiply 3

**6)** Find the rule the pattern is using.  
59 , 49 , 39 , 29 , 19 , 9

Rule = Subtract 10

6. Subtract 10

**7)** Find the rule the pattern is using.  
43 , 37 , 31 , 25 , 19 , 13 , 7 , 1

Rule = Subtract 6

7. Subtract 6

**8)** Find the rule the pattern is using.  
7 , 28 , 112 , 448

Rule = Multiply 4

8. Multiply 4

**9)** Find the rule the pattern is using.  
625 , 125 , 25 , 5

Rule = Divide 5

9. Divide 5

**10)** Find the rule the pattern is using.  
7 , 10 , 13 , 16 , 19 , 22 , 25

Rule = Add 3

10. Add 3

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

Rule = Divide 3

11. Divide 3

**12)** Find the rule the pattern is using.  
8 , 16 , 32 , 64 , 128

Rule = Multiply 2

12. Multiply 2

**13)** Find the rule the pattern is using.  
19 , 17 , 15 , 13 , 11 , 9 , 7

Rule = Subtract 2

13. Subtract 2

**14)** Find the rule the pattern is using.  
256 , 64 , 16 , 4

Rule = Divide 4

14. Divide 4

**15)** Find the rule the pattern is using.  
3 , 13 , 23 , 33 , 43 , 53 , 63

Rule = Add 10

15. Add 10