



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

**Answers**

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

8 , 24 , 72 , 216 , 648

Rule =     Multiply 3    

Ex.     Multiply 3    

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

4 , 6 , 8 , 10 , 12 , 14 , 16 , 18

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

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

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

162 , 54 , 18 , 6

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

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

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

108 , 36 , 12 , 4

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

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

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

2304 , 576 , 144 , 36 , 9

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

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

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

21 , 17 , 13 , 9 , 5 , 1

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

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

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

58 , 48 , 38 , 28 , 18 , 8

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

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

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

1280 , 320 , 80 , 20 , 5

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

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

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

2 , 12 , 22 , 32 , 42 , 52 , 62

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

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

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

5 , 15 , 45 , 135 , 405

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

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

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

5 , 11 , 17 , 23 , 29 , 35 , 41

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

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

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

40 , 35 , 30 , 25 , 20 , 15 , 10

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

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

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

3 , 12 , 21 , 30 , 39

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

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

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

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

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

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

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

4 , 16 , 64 , 256

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

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

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

2 , 10 , 50 , 250 , 1250

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

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



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

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

8 , 24 , 72 , 216 , 648

Rule = Multiply 3

Ex. Multiply 3

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

4 , 6 , 8 , 10 , 12 , 14 , 16 , 18

Rule = Add 2

1. Add 2

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

162 , 54 , 18 , 6

Rule = Divide 3

2. Divide 3

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

108 , 36 , 12 , 4

Rule = Divide 3

3. Divide 3

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

2304 , 576 , 144 , 36 , 9

Rule = Divide 4

4. Divide 4

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

21 , 17 , 13 , 9 , 5 , 1

Rule = Subtract 4

5. Subtract 4

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

58 , 48 , 38 , 28 , 18 , 8

Rule = Subtract 10

6. Subtract 10

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

1280 , 320 , 80 , 20 , 5

Rule = Divide 4

7. Divide 4

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

2 , 12 , 22 , 32 , 42 , 52 , 62

Rule = Add 10

8. Add 10

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

5 , 15 , 45 , 135 , 405

Rule = Multiply 3

9. Multiply 3

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

5 , 11 , 17 , 23 , 29 , 35 , 41

Rule = Add 6

10. Add 6

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

40 , 35 , 30 , 25 , 20 , 15 , 10

Rule = Subtract 5

11. Subtract 5

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

3 , 12 , 21 , 30 , 39

Rule = Add 9

12. Add 9

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

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

Rule = Subtract 10

13. Subtract 10

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

4 , 16 , 64 , 256

Rule = Multiply 4

14. Multiply 4

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

2 , 10 , 50 , 250 , 1250

Rule = Multiply 5

15. Multiply 5

Answers