

## Find the rule the pattern is using.

**Ex)** Find the rule the pattern is using. 3, 11, 19, 27, 35

Rule = Add 8

1) Find the rule the pattern is using. 9, 27, 81, 243

Rule =

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

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

**3)** *Find the rule the pattern is using.* 35, 29, 23, 17, 11, 5

Rule =

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

Rule =

5) Find the rule the pattern is using. 54, 44, 34, 24, 14, 4

Rule =

Rule =

Rule =

Rule =

6) Find the rule the pattern is using.5, 13, 21, 29, 37, 45, 53, 61

7) Find the rule the pattern is using. 20, 18, 16, 14, 12, 10, 8

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

144,72,36,18,9

\_\_\_\_

Rule =

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

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

Rule =

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

39, 30, 21, 12, 3

Rule =

12) Find the rule the pattern is using.

128, 32, 8, 2

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

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

3,6,9,12,15,18,21

Rule =

14) Find the rule the pattern is using.

448, 112, 28, 7

Rule =

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

 $10\;,\,12\;,\,14\;,\,16\;,\,18$ 

Rule =

## **Answers**

 $\mathbf{Add} \mathbf{8}$ 

\_\_\_\_

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

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

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

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

0.

8.

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

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

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

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

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

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

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

Name:

Answer Kev

## Find the rule the pattern is using.

Find the rule the pattern is using. 3, 11, 19, 27, 35

Rule = Add 8

1) Find the rule the pattern is using. 9, 27, 81, 243

Multiply 3 Rule =

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

Rule = Multiply 3

3) Find the rule the pattern is using. 35, 29, 23, 17, 11, 5

Rule = Subtract 6

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

Rule = Divide 2

5) Find the rule the pattern is using. 54, 44, 34, 24, 14, 4

Rule = Subtract 10

**6)** Find the rule the pattern is using. 5, 13, 21, 29, 37, 45, 53, 61

Rule = Add 8

7) Find the rule the pattern is using. 20, 18, 16, 14, 12, 10, 8

Subtract 2 Rule =

**8)** Find the rule the pattern is using. 144, 72, 36, 18, 9

Rule = Divide 2

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

Multiply 2 Rule =

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

Rule = Multiply 4

**11)** Find the rule the pattern is using. 39, 30, 21, 12, 3

Rule = Subtract 9

**12)** *Find the rule the pattern is using.* 128, 32, 8, 2

Rule = Divide 4

**13)** *Find the rule the pattern is using.* 3, 6, 9, 12, 15, 18, 21

Add 3 Rule =

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

Rule = Divide 4

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

Add 2

<u>Answers</u>

Add 8

Multiply 3

Multiply 3

Subtract 6

Divide 2

Subtract 10

Add 8

**Subtract 2** 

Divide 2 8.

Multiply 2 9.

Multiply 4 10.

Subtract 9

Divide 4 12.

Add 3 13.

Divide 4

Add 2