

## Find the rule the pattern is using.

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

Rule = Subtract 10

1) Find the rule the pattern is using. 16, 14, 12, 10, 8

Rule =

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

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

Find the rule the pattern is using.9, 17, 25, 33, 41

Rule =

4) Find the rule the pattern is using. 5, 20, 80, 320

Rule =

5) Find the rule the pattern is using. 2, 8, 14, 20, 26, 32, 38

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

6) Find the rule the pattern is using. 55, 47, 39, 31, 23, 15, 7

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

Rule =

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

8) Find the rule the pattern is using.

2, 10, 18, 26, 34, 42, 50, 58

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

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

4,8,16,32

**10)** Find the rule the pattern is using. 1, 7, 13, 19, 25

1, 7, 13, 19, 23

Rule =

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

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

162, 54, 18, 6

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

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

2304, 576, 144, 36, 9

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

13) Find the rule the pattern is using.

64, 32, 16, 8, 4

Rule =

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

5, 15, 45, 135

Rule =

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

25, 21, 17, 13, 9

Rule =

## **Answers**

Ex. Subtract 10

1.

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

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

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

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

6.

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

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

Э. \_\_\_\_\_

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

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

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

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

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

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

## Find the rule the pattern is using.

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

Subtract 10 Rule =

1) Find the rule the pattern is using. 16, 14, 12, 10, 8

Rule = Subtract 2

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

Rule = Multiply 3

*3) Find the rule the pattern is using.* 9, 17, 25, 33, 41

Rule = Add 8

**4)** Find the rule the pattern is using. 5, 20, 80, 320

Rule = Multiply 4

5) Find the rule the pattern is using. 2, 8, 14, 20, 26, 32, 38

Rule = Add 6

**6)** Find the rule the pattern is using. 55, 47, 39, 31, 23, 15, 7

Rule = Subtract 8

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

Divide 4 Rule =

**8)** Find the rule the pattern is using. 2, 10, 18, 26, 34, 42, 50, 58

Rule = Add 8

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

4,8,16,32 Rule = Multiply 2

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

1,7,13,19,25 Rule = Add 6

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

162, 54, 18, 6

Divide 3 Rule =

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

2304, 576, 144, 36, 9

Rule = Divide 4

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

64, 32, 16, 8, 4

Divide 2 Rule =

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

5, 15, 45, 135

Rule = Multiply 3

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

25, 21, 17, 13, 9

Rule = Subtract 4

Subtract 10

Subtract 2 1.

Multiply 3

Add 8

Multiply 4

Add 6

**Subtract 8** 

Divide 4

Add 8

Multiply 2

Add 6 10.

Divide 3

Divide 4 12.

Divide 2 13.

Multiply 3

**Subtract 4**