



Finding Next Number in Pattern

Name:

Find the next number in the pattern.

Ex) Find the next number in the pattern.

$$4, 7, 10, 13, 16, 19, 22, \underline{25} \quad \text{Rule: Add 3}$$

1) Find the next number in the pattern.

$$1125, 225, 45, \underline{\hspace{2cm}}$$

2) Find the next number in the pattern.

$$10, 14, 18, 22, 26, 30, 34, \underline{\hspace{2cm}}$$

3) Find the next number in the pattern.

$$47, 38, 29, 20, 11, \underline{\hspace{2cm}}$$

4) Find the next number in the pattern.

$$8, 32, 128, \underline{\hspace{2cm}}$$

5) Find the next number in the pattern.

$$5, 7, 9, 11, \underline{\hspace{2cm}}$$

6) Find the next number in the pattern.

$$9, 17, 25, 33, 41, 49, 57, \underline{\hspace{2cm}}$$

7) Find the next number in the pattern.

$$7, 28, 112, 448, \underline{\hspace{2cm}}$$

8) Find the next number in the pattern.

$$40, 31, 22, 13, \underline{\hspace{2cm}}$$

9) Find the next number in the pattern.

$$42, 33, 24, 15, \underline{\hspace{2cm}}$$

10) Find the next number in the pattern.

$$48, 42, 36, 30, 24, 18, 12, \underline{\hspace{2cm}}$$

11) Find the next number in the pattern.

$$135, 45, 15, \underline{\hspace{2cm}}$$

12) Find the next number in the pattern.

$$6, 18, 54, 162, \underline{\hspace{2cm}}$$

13) Find the next number in the pattern.

$$112, 56, 28, 14, \underline{\hspace{2cm}}$$

14) Find the next number in the pattern.

$$2500, 500, 100, 20, \underline{\hspace{2cm}}$$

15) Find the next number in the pattern.

$$9, 27, 81, 243, \underline{\hspace{2cm}}$$

Answers

Ex. **25**

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15.



Finding Next Number in Pattern

Name: **Answer Key**

Find the next number in the pattern.

Ex) Find the next number in the pattern.

4 , 7 , 10 , 13 , 16 , 19 , 22 , 25 Rule: Add 3

1) Find the next number in the pattern.

1125 , 225 , 45 , 9 Rule: Divide 5

2) Find the next number in the pattern.

10 , 14 , 18 , 22 , 26 , 30 , 34 , 38 Rule: Add 4

3) Find the next number in the pattern.

47 , 38 , 29 , 20 , 11 , 2 Rule: Subtract 9

4) Find the next number in the pattern.

8 , 32 , 128 , 512 Rule: Multiply 4

5) Find the next number in the pattern.

5 , 7 , 9 , 11 , 13 Rule: Add 2

6) Find the next number in the pattern.

9 , 17 , 25 , 33 , 41 , 49 , 57 , 65 Rule: Add 8

7) Find the next number in the pattern.

7 , 28 , 112 , 448 , 1,792 Rule: Multiply 4

8) Find the next number in the pattern.

40 , 31 , 22 , 13 , 4 Rule: Subtract 9

9) Find the next number in the pattern.

42 , 33 , 24 , 15 , 6 Rule: Subtract 9

10) Find the next number in the pattern.

48 , 42 , 36 , 30 , 24 , 18 , 12 , 6 Rule: Subtract 6

11) Find the next number in the pattern.

135 , 45 , 15 , 5 Rule: Divide 3

12) Find the next number in the pattern.

6 , 18 , 54 , 162 , 486 Rule: Multiply 3

13) Find the next number in the pattern.

112 , 56 , 28 , 14 , 7 Rule: Divide 2

14) Find the next number in the pattern.

2500 , 500 , 100 , 20 , 4 Rule: Divide 5

15) Find the next number in the pattern.

9 , 27 , 81 , 243 , 729 Rule: Multiply 3

Answers

Ex. 25

1. 9

2. 38

3. 2

4. 512

5. 13

6. 65

7. 1,792

8. 4

9. 6

10. 6

11. 5

12. 486

13. 7

14. 4

15. 729

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					