

Finding Next Number in Pattern

Name: _____

Find the next number in the pattern.

Ex) Find the next number in the pattern.

$$2500, 500, 100, 20, \underline{\quad} \text{ Rule: Divide 5}$$

1) Find the next number in the pattern.

$$4, 6, 8, 10, 12, 14, 16, \underline{\quad}$$

2) Find the next number in the pattern.

$$9, 18, 36, 72, \underline{\quad}$$

3) Find the next number in the pattern.

$$5, 10, 20, \underline{\quad}$$

4) Find the next number in the pattern.

$$576, 144, 36, \underline{\quad}$$

5) Find the next number in the pattern.

$$112, 56, 28, 14, \underline{\quad}$$

6) Find the next number in the pattern.

$$625, 125, 25, \underline{\quad}$$

7) Find the next number in the pattern.

$$51, 42, 33, 24, 15, \underline{\quad}$$

8) Find the next number in the pattern.

$$30, 26, 22, 18, 14, \underline{\quad}$$

9) Find the next number in the pattern.

$$7, 28, 112, 448, \underline{\quad}$$

10) Find the next number in the pattern.

$$7, 14, 28, \underline{\quad}$$

11) Find the next number in the pattern.

$$59, 50, 41, 32, 23, 14, \underline{\quad}$$

12) Find the next number in the pattern.

$$1, 5, 9, 13, 17, 21, 25, \underline{\quad}$$

13) Find the next number in the pattern.

$$3, 6, 9, 12, 15, 18, 21, \underline{\quad}$$

14) Find the next number in the pattern.

$$8, 18, 28, 38, 48, \underline{\quad}$$

15) Find the next number in the pattern.

$$49, 39, 29, 19, \underline{\quad}$$

Answers

Ex. 4

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

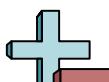
12. _____

13. _____

14. _____

15. _____

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



Finding Next Number in Pattern

Name:

Answer Key

Find the next number in the pattern.

Ex) Find the next number in the pattern.

$$2500, 500, 100, 20, \underline{4} \quad \text{Rule: Divide 5}$$

1) Find the next number in the pattern.

$$4, 6, 8, 10, 12, 14, 16, \underline{18} \quad \text{Rule: Add 2}$$

2) Find the next number in the pattern.

$$9, 18, 36, 72, \underline{144} \quad \text{Rule: Multiply 2}$$

3) Find the next number in the pattern.

$$5, 10, 20, \underline{40} \quad \text{Rule: Multiply 2}$$

4) Find the next number in the pattern.

$$576, 144, 36, \underline{9} \quad \text{Rule: Divide 4}$$

5) Find the next number in the pattern.

$$112, 56, 28, 14, \underline{7} \quad \text{Rule: Divide 2}$$

6) Find the next number in the pattern.

$$625, 125, 25, \underline{5} \quad \text{Rule: Divide 5}$$

7) Find the next number in the pattern.

$$51, 42, 33, 24, 15, \underline{6} \quad \text{Rule: Subtract 9}$$

8) Find the next number in the pattern.

$$30, 26, 22, 18, 14, \underline{10} \quad \text{Rule: Subtract 4}$$

9) Find the next number in the pattern.

$$7, 28, 112, 448, \underline{1,792} \quad \text{Rule: Multiply 4}$$

10) Find the next number in the pattern.

$$7, 14, 28, \underline{56} \quad \text{Rule: Multiply 2}$$

11) Find the next number in the pattern.

$$59, 50, 41, 32, 23, 14, \underline{5} \quad \text{Rule: Subtract 9}$$

12) Find the next number in the pattern.

$$1, 5, 9, 13, 17, 21, 25, \underline{29} \quad \text{Rule: Add 4}$$

13) Find the next number in the pattern.

$$3, 6, 9, 12, 15, 18, 21, \underline{24} \quad \text{Rule: Add 3}$$

14) Find the next number in the pattern.

$$8, 18, 28, 38, 48, \underline{58} \quad \text{Rule: Add 10}$$

15) Find the next number in the pattern.

$$49, 39, 29, 19, \underline{9} \quad \text{Rule: Subtract 10}$$

Answers

Ex. 4

1. 18

2. 144

3. 40

4. 9

5. 7

6. 5

7. 6

8. 10

9. 1,792

10. 56

11. 5

12. 29

13. 24

14. 58

15. 9

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