



Finding Next Number in Pattern

Name: _____

Find the next number in the pattern.

Ex) Find the next number in the pattern.

$$6, 30, 150, 750, \underline{3,750} \quad \text{Rule: Multiply 5}$$

1) Find the next number in the pattern.

$$8, 40, 200, 1,000, \underline{\hspace{2cm}}$$

2) Find the next number in the pattern.

$$1,125, 225, 45, \underline{\hspace{2cm}}$$

3) Find the next number in the pattern.

$$36, 29, 22, 15, 8, \underline{\hspace{2cm}}$$

4) Find the next number in the pattern.

$$9, 19, 29, 39, 49, 59, 69, \underline{\hspace{2cm}}$$

5) Find the next number in the pattern.

$$648, 216, 72, 24, \underline{\hspace{2cm}}$$

6) Find the next number in the pattern.

$$20, 18, 16, 14, 12, 10, \underline{\hspace{2cm}}$$

7) Find the next number in the pattern.

$$5,000, 1,000, 200, 40, \underline{\hspace{2cm}}$$

8) Find the next number in the pattern.

$$5, 12, 19, 26, \underline{\hspace{2cm}}$$

9) Find the next number in the pattern.

$$64, 55, 46, 37, 28, 19, 10, \underline{\hspace{2cm}}$$

10) Find the next number in the pattern.

$$19, 16, 13, 10, \underline{\hspace{2cm}}$$

11) Find the next number in the pattern.

$$4, 8, 16, 32, \underline{\hspace{2cm}}$$

12) Find the next number in the pattern.

$$6, 12, 18, 24, 30, \underline{\hspace{2cm}}$$

13) Find the next number in the pattern.

$$4,375, 875, 175, 35, \underline{\hspace{2cm}}$$

14) Find the next number in the pattern.

$$7, 35, 175, \underline{\hspace{2cm}}$$

15) Find the next number in the pattern.

$$10, 17, 24, 31, 38, 45, \underline{\hspace{2cm}}$$

Answers

Ex. **3,750**

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

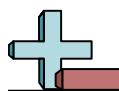
11. _____

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.

$$6, 30, 150, 750, \underline{3,750} \quad \text{Rule: Multiply 5}$$

1) Find the next number in the pattern.

$$8, 40, 200, 1,000, \underline{5,000} \quad \text{Rule: Multiply 5}$$

2) Find the next number in the pattern.

$$1,125, 225, 45, \underline{9} \quad \text{Rule: Divide 5}$$

3) Find the next number in the pattern.

$$36, 29, 22, 15, 8, \underline{1} \quad \text{Rule: Subtract 7}$$

4) Find the next number in the pattern.

$$9, 19, 29, 39, 49, 59, 69, \underline{79} \quad \text{Rule: Add 10}$$

5) Find the next number in the pattern.

$$648, 216, 72, 24, \underline{8} \quad \text{Rule: Divide 3}$$

6) Find the next number in the pattern.

$$20, 18, 16, 14, 12, 10, \underline{8} \quad \text{Rule: Subtract 2}$$

7) Find the next number in the pattern.

$$5,000, 1,000, 200, 40, \underline{8} \quad \text{Rule: Divide 5}$$

8) Find the next number in the pattern.

$$5, 12, 19, 26, \underline{33} \quad \text{Rule: Add 7}$$

9) Find the next number in the pattern.

$$64, 55, 46, 37, 28, 19, 10, \underline{1} \quad \text{Rule: Subtract 9}$$

10) Find the next number in the pattern.

$$19, 16, 13, 10, \underline{7} \quad \text{Rule: Subtract 3}$$

11) Find the next number in the pattern.

$$4, 8, 16, 32, \underline{64} \quad \text{Rule: Multiply 2}$$

12) Find the next number in the pattern.

$$6, 12, 18, 24, 30, \underline{36} \quad \text{Rule: Add 6}$$

13) Find the next number in the pattern.

$$4,375, 875, 175, 35, \underline{7} \quad \text{Rule: Divide 5}$$

14) Find the next number in the pattern.

$$7, 35, 175, \underline{875} \quad \text{Rule: Multiply 5}$$

15) Find the next number in the pattern.

$$10, 17, 24, 31, 38, 45, \underline{52} \quad \text{Rule: Add 7}$$

Answers

Ex. **3,750**

1. **5,000**

2. **9**

3. **1**

4. **79**

5. **8**

6. **8**

7. **8**

8. **33**

9. **1**

10. **7**

11. **64**

12. **36**

13. **7**

14. **875**

15. **52**

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