



Finding Next Number in Pattern

Name: _____

Find the next number in the pattern.

Ex) Find the next number in the pattern.

$$2, 7, 12, 17, 22, 27, \underline{32} \quad \text{Rule: Add 5}$$

1) Find the next number in the pattern.

$$3, 6, 12, \underline{\hspace{2cm}}$$

2) Find the next number in the pattern.

$$3, 10, 17, 24, 31, 38, 45, \underline{\hspace{2cm}}$$

3) Find the next number in the pattern.

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

4) Find the next number in the pattern.

$$39, 31, 23, 15, \underline{\hspace{2cm}}$$

5) Find the next number in the pattern.

$$72, 36, 18, \underline{\hspace{2cm}}$$

6) Find the next number in the pattern.

$$48, 24, 12, \underline{\hspace{2cm}}$$

7) Find the next number in the pattern.

$$192, 48, 12, \underline{\hspace{2cm}}$$

8) Find the next number in the pattern.

$$6, 12, 24, 48, \underline{\hspace{2cm}}$$

9) Find the next number in the pattern.

$$1, 10, 19, 28, \underline{\hspace{2cm}}$$

10) Find the next number in the pattern.

$$29, 24, 19, 14, \underline{\hspace{2cm}}$$

11) Find the next number in the pattern.

$$7, 14, 28, \underline{\hspace{2cm}}$$

12) Find the next number in the pattern.

$$31, 25, 19, 13, 7, \underline{\hspace{2cm}}$$

13) Find the next number in the pattern.

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

14) Find the next number in the pattern.

$$58, 50, 42, 34, 26, 18, \underline{\hspace{2cm}}$$

15) Find the next number in the pattern.

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

Answers

Ex. **32**

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

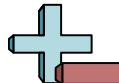
11. _____

12. _____

13. _____

14. _____

15. _____



Find the next number in the pattern.

Ex) Find the next number in the pattern.

$$2, 7, 12, 17, 22, 27, \underline{32} \quad \text{Rule: Add 5}$$

1) Find the next number in the pattern.

$$3, 6, 12, \underline{24} \quad \text{Rule: Multiply 2}$$

2) Find the next number in the pattern.

$$3, 10, 17, 24, 31, 38, 45, \underline{52} \quad \text{Rule: Add 7}$$

3) Find the next number in the pattern.

$$2, 6, 18, \underline{54} \quad \text{Rule: Multiply 3}$$

4) Find the next number in the pattern.

$$39, 31, 23, 15, \underline{7} \quad \text{Rule: Subtract 8}$$

5) Find the next number in the pattern.

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

6) Find the next number in the pattern.

$$48, 24, 12, \underline{6} \quad \text{Rule: Divide 2}$$

7) Find the next number in the pattern.

$$192, 48, 12, \underline{3} \quad \text{Rule: Divide 4}$$

8) Find the next number in the pattern.

$$6, 12, 24, 48, \underline{96} \quad \text{Rule: Multiply 2}$$

9) Find the next number in the pattern.

$$1, 10, 19, 28, \underline{37} \quad \text{Rule: Add 9}$$

10) Find the next number in the pattern.

$$29, 24, 19, 14, \underline{9} \quad \text{Rule: Subtract 5}$$

11) Find the next number in the pattern.

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

12) Find the next number in the pattern.

$$31, 25, 19, 13, 7, \underline{1} \quad \text{Rule: Subtract 6}$$

13) Find the next number in the pattern.

$$2, 11, 20, 29, 38, 47, \underline{56} \quad \text{Rule: Add 9}$$

14) Find the next number in the pattern.

$$58, 50, 42, 34, 26, 18, \underline{10} \quad \text{Rule: Subtract 8}$$

15) Find the next number in the pattern.

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

Answers

Ex. **32**

1. **24**

2. **52**

3. **54**

4. **7**

5. **9**

6. **6**

7. **3**

8. **96**

9. **37**

10. **9**

11. **56**

12. **1**

13. **56**

14. **10**

15. **9**