



Finding Next Number in Pattern

Name: _____

Find the next number in the pattern.

Ex) Find the next number in the pattern.

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

1) Find the next number in the pattern.

$$189, 63, 21, \underline{\hspace{2cm}}$$

2) Find the next number in the pattern.

$$4, 9, 14, 19, 24, \underline{\hspace{2cm}}$$

3) Find the next number in the pattern.

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

4) Find the next number in the pattern.

$$59, 50, 41, 32, 23, 14, \underline{\hspace{2cm}}$$

5) Find the next number in the pattern.

$$17, 15, 13, 11, 9, \underline{\hspace{2cm}}$$

6) Find the next number in the pattern.

$$4, 16, 64, 256, \underline{\hspace{2cm}}$$

7) Find the next number in the pattern.

$$6, 8, 10, 12, 14, 16, \underline{\hspace{2cm}}$$

8) Find the next number in the pattern.

$$4, 6, 8, 10, 12, 14, \underline{\hspace{2cm}}$$

9) Find the next number in the pattern.

$$512, 128, 32, 8, \underline{\hspace{2cm}}$$

10) Find the next number in the pattern.

$$19, 17, 15, 13, 11, 9, 7, \underline{\hspace{2cm}}$$

11) Find the next number in the pattern.

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

12) Find the next number in the pattern.

$$43, 36, 29, 22, 15, \underline{\hspace{2cm}}$$

13) Find the next number in the pattern.

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

14) Find the next number in the pattern.

$$7, 21, 63, \underline{\hspace{2cm}}$$

15) Find the next number in the pattern.

$$8, 10, 12, 14, 16, 18, 20, \underline{\hspace{2cm}}$$

Answers

Ex. **32**

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

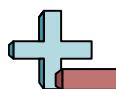
11. _____

12. _____

13. _____

14. _____

15. _____



Find the next number in the pattern.

Ex) Find the next number in the pattern.

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

1) Find the next number in the pattern.

$$189, 63, 21, \underline{7} \quad \text{Rule: Divide 3}$$

2) Find the next number in the pattern.

$$4, 9, 14, 19, 24, \underline{29} \quad \text{Rule: Add 5}$$

3) Find the next number in the pattern.

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

4) Find the next number in the pattern.

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

5) Find the next number in the pattern.

$$17, 15, 13, 11, 9, \underline{7} \quad \text{Rule: Subtract 2}$$

6) Find the next number in the pattern.

$$4, 16, 64, 256, \underline{1,024} \quad \text{Rule: Multiply 4}$$

7) Find the next number in the pattern.

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

8) Find the next number in the pattern.

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

9) Find the next number in the pattern.

$$512, 128, 32, 8, \underline{2} \quad \text{Rule: Divide 4}$$

10) Find the next number in the pattern.

$$19, 17, 15, 13, 11, 9, 7, \underline{5} \quad \text{Rule: Subtract 2}$$

11) Find the next number in the pattern.

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

12) Find the next number in the pattern.

$$43, 36, 29, 22, 15, \underline{8} \quad \text{Rule: Subtract 7}$$

13) Find the next number in the pattern.

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

14) Find the next number in the pattern.

$$7, 21, 63, \underline{189} \quad \text{Rule: Multiply 3}$$

15) Find the next number in the pattern.

$$8, 10, 12, 14, 16, 18, 20, \underline{22} \quad \text{Rule: Add 2}$$

Answers

Ex. 32

1. 7

2. 29

3. 48

4. 5

5. 7

6. 1,024

7. 18

8. 16

9. 2

10. 5

11. 7

12. 8

13. 6

14. 189

15. 22