

Finding Next Number in Pattern

Name: _____

Find the next number in the pattern.

Ex) Find the next number in the pattern.

8 , 24 , 72 , 216 , 648 Rule: Multiply 3

1) Find the next number in the pattern.

18 , 16 , 14 , 12 , 10 , 8 , 6 , _____

2) Find the next number in the pattern.

162 , 54 , 18 , _____

3) Find the next number in the pattern.

108 , 36 , 12 , _____

4) Find the next number in the pattern.

2304 , 576 , 144 , 36 , _____

5) Find the next number in the pattern.

1 , 5 , 9 , 13 , 17 , _____

6) Find the next number in the pattern.

8 , 18 , 28 , 38 , 48 , _____

7) Find the next number in the pattern.

1280 , 320 , 80 , 20 , _____

8) Find the next number in the pattern.

62 , 52 , 42 , 32 , 22 , 12 , _____

9) Find the next number in the pattern.

5 , 15 , 45 , 135 , _____

10) Find the next number in the pattern.

41 , 35 , 29 , 23 , 17 , 11 , _____

11) Find the next number in the pattern.

10 , 15 , 20 , 25 , 30 , 35 , _____

12) Find the next number in the pattern.

39 , 30 , 21 , 12 , _____

13) Find the next number in the pattern.

7 , 17 , 27 , 37 , 47 , 57 , 67 , _____

14) Find the next number in the pattern.

4 , 16 , 64 , _____

15) Find the next number in the pattern.

2 , 10 , 50 , 250 , _____

Answers

Ex. 648

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

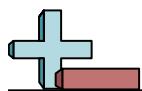
11. _____

12. _____

13. _____

14. _____

15. _____



Find the next number in the pattern.

Ex) Find the next number in the pattern.

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

1) Find the next number in the pattern.

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

2) Find the next number in the pattern.

$$162, 54, 18, \underline{6} \quad \text{Rule: Divide 3}$$

3) Find the next number in the pattern.

$$108, 36, 12, \underline{4} \quad \text{Rule: Divide 3}$$

4) Find the next number in the pattern.

$$2304, 576, 144, 36, \underline{9} \quad \text{Rule: Divide 4}$$

5) Find the next number in the pattern.

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

6) Find the next number in the pattern.

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

7) Find the next number in the pattern.

$$1280, 320, 80, 20, \underline{5} \quad \text{Rule: Divide 4}$$

8) Find the next number in the pattern.

$$62, 52, 42, 32, 22, 12, \underline{2} \quad \text{Rule: Subtract 10}$$

9) Find the next number in the pattern.

$$5, 15, 45, 135, \underline{405} \quad \text{Rule: Multiply 3}$$

10) Find the next number in the pattern.

$$41, 35, 29, 23, 17, 11, \underline{5} \quad \text{Rule: Subtract 6}$$

11) Find the next number in the pattern.

$$10, 15, 20, 25, 30, 35, \underline{40} \quad \text{Rule: Add 5}$$

12) Find the next number in the pattern.

$$39, 30, 21, 12, \underline{3} \quad \text{Rule: Subtract 9}$$

13) Find the next number in the pattern.

$$7, 17, 27, 37, 47, 57, 67, \underline{77} \quad \text{Rule: Add 10}$$

14) Find the next number in the pattern.

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

15) Find the next number in the pattern.

$$2, 10, 50, 250, \underline{1,250} \quad \text{Rule: Multiply 5}$$

Answers

Ex. **648**

1. **4**

2. **6**

3. **4**

4. **9**

5. **21**

6. **58**

7. **5**

8. **2**

9. **405**

10. **5**

11. **40**

12. **3**

13. **77**

14. **256**

15. **1,250**