



Finding Next Number in Pattern

Name: _____

Find the next number in the pattern.

Ex) Find the next number in the pattern.

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

1) Find the next number in the pattern.

$$53, 46, 39, 32, 25, 18, 11, \underline{\hspace{2cm}}$$

2) Find the next number in the pattern.

$$9, 14, 19, 24, 29, \underline{\hspace{2cm}}$$

3) Find the next number in the pattern.

$$37, 31, 25, 19, 13, \underline{\hspace{2cm}}$$

4) Find the next number in the pattern.

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

5) Find the next number in the pattern.

$$10, 20, 30, 40, 50, \underline{\hspace{2cm}}$$

6) Find the next number in the pattern.

$$63, 55, 47, 39, 31, 23, 15, \underline{\hspace{2cm}}$$

7) Find the next number in the pattern.

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

8) Find the next number in the pattern.

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

9) Find the next number in the pattern.

$$38, 30, 22, 14, \underline{\hspace{2cm}}$$

10) Find the next number in the pattern.

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

11) Find the next number in the pattern.

$$1, 3, 5, 7, 9, 11, 13, \underline{\hspace{2cm}}$$

12) Find the next number in the pattern.

$$9, 36, 144, 576, \underline{\hspace{2cm}}$$

13) Find the next number in the pattern.

$$320, 80, 20, \underline{\hspace{2cm}}$$

14) Find the next number in the pattern.

$$3, 12, 48, \underline{\hspace{2cm}}$$

15) Find the next number in the pattern.

$$3, 12, 48, 192, \underline{\hspace{2cm}}$$

Answers

Ex. 4

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.

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

1) Find the next number in the pattern.

$$53, 46, 39, 32, 25, 18, 11, \underline{4} \quad \text{Rule: Subtract 7}$$

2) Find the next number in the pattern.

$$9, 14, 19, 24, 29, \underline{34} \quad \text{Rule: Add 5}$$

3) Find the next number in the pattern.

$$37, 31, 25, 19, 13, \underline{7} \quad \text{Rule: Subtract 6}$$

4) Find the next number in the pattern.

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

5) Find the next number in the pattern.

$$10, 20, 30, 40, 50, \underline{60} \quad \text{Rule: Add 10}$$

6) Find the next number in the pattern.

$$63, 55, 47, 39, 31, 23, 15, \underline{7} \quad \text{Rule: Subtract 8}$$

7) Find the next number in the pattern.

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

8) Find the next number in the pattern.

$$7, 11, 15, 19, \underline{23} \quad \text{Rule: Add 4}$$

9) Find the next number in the pattern.

$$38, 30, 22, 14, \underline{6} \quad \text{Rule: Subtract 8}$$

10) Find the next number in the pattern.

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

11) Find the next number in the pattern.

$$1, 3, 5, 7, 9, 11, 13, \underline{15} \quad \text{Rule: Add 2}$$

12) Find the next number in the pattern.

$$9, 36, 144, 576, \underline{2,304} \quad \text{Rule: Multiply 4}$$

13) Find the next number in the pattern.

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

14) Find the next number in the pattern.

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

15) Find the next number in the pattern.

$$3, 12, 48, 192, \underline{768} \quad \text{Rule: Multiply 4}$$

Answers

Ex. **4**

1. **4**

2. **34**

3. **7**

4. **2**

5. **60**

6. **7**

7. **2**

8. **23**

9. **6**

10. **64**

11. **15**

12. **2,304**

13. **5**

14. **192**

15. **768**

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