Finding Next Number in Pattern

Name:

Find the next number in the pattern.

Ex) *Find the next number in the pattern.*
5 , 11 , 17 , 23 , 29 , 35 Rule: Add 6

1) *Find the next number in the pattern.*
7 , 13 , 19 , 25 , 31 , _____

2) *Find the next number in the pattern.*
72 , 36 , 18 , _____

3) *Find the next number in the pattern.*
192 , 48 , 12 , _____

4) *Find the next number in the pattern.*
6 , 8 , 10 , 12 , 14 , 16 , _____

5) *Find the next number in the pattern.*
54 , 18 , 6 , _____

6) *Find the next number in the pattern.*
8 , 40 , 200 , 1,000 , _____

7) *Find the next number in the pattern.*
6 , 13 , 20 , 27 , 34 , 41 , _____

8) *Find the next number in the pattern.*
65 , 55 , 45 , 35 , 25 , 15 , _____

9) *Find the next number in the pattern.*
7 , 35 , 175 , _____

10) *Find the next number in the pattern.*
55 , 48 , 41 , 34 , 27 , 20 , 13 , _____

11) *Find the next number in the pattern.*
729 , 243 , 81 , 27 , _____

12) *Find the next number in the pattern.*
7 , 35 , 175 , 875 , _____

13) *Find the next number in the pattern.*
49 , 43 , 37 , 31 , 25 , 19 , 13 , _____

14) *Find the next number in the pattern.*
33 , 29 , 25 , 21 , 17 , 13 , 9 , _____

15) *Find the next number in the pattern.*
8 , 32 , 128 , _____

Answers

Ex. 35

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____

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

Finding Next Number in Pattern Name: **Answer Key**

Find the next number in the pattern.

Ex) *Find the next number in the pattern.*
5 , 11 , 17 , 23 , 29 , 35 Rule: Add 6

1) *Find the next number in the pattern.*
7 , 13 , 19 , 25 , 31 , 37 Rule: Add 6

2) *Find the next number in the pattern.*
72 , 36 , 18 , 9 Rule: Divide 2

3) *Find the next number in the pattern.*
192 , 48 , 12 , 3 Rule: Divide 4

4) *Find the next number in the pattern.*
6 , 8 , 10 , 12 , 14 , 16 , 18 Rule: Add 2

5) *Find the next number in the pattern.*
54 , 18 , 6 , 2 Rule: Divide 3

6) *Find the next number in the pattern.*
8 , 40 , 200 , 1,000 , 5,000 Rule: Multiply 5

7) *Find the next number in the pattern.*
6 , 13 , 20 , 27 , 34 , 41 , 48 Rule: Add 7

8) *Find the next number in the pattern.*
65 , 55 , 45 , 35 , 25 , 15 , 5 Rule: Subtract 10

9) *Find the next number in the pattern.*
7 , 35 , 175 , 875 Rule: Multiply 5

10) *Find the next number in the pattern.*
55 , 48 , 41 , 34 , 27 , 20 , 13 , 6 Rule: Subtract 7

11) *Find the next number in the pattern.*
729 , 243 , 81 , 27 , 9 Rule: Divide 3

12) *Find the next number in the pattern.*
7 , 35 , 175 , 875 , 4,375 Rule: Multiply 5

13) *Find the next number in the pattern.*
49 , 43 , 37 , 31 , 25 , 19 , 13 , 7 Rule: Subtract 6

14) *Find the next number in the pattern.*
33 , 29 , 25 , 21 , 17 , 13 , 9 , 5 Rule: Subtract 4

15) *Find the next number in the pattern.*
8 , 32 , 128 , 512 Rule: Multiply 4

Answers

Ex.	35
1.	37
2.	9
3.	3
4.	18
5.	2
6.	5,000
7.	48
8.	5
9.	875
10.	6
11.	9
12.	4,375
13.	7
14.	5
15.	512

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