

	Finding Next Number in Pattern Name:		
Find	the next number in the pattern.		Answers
Ex)	Find the next number in the pattern. 64, 32, 16, 8 Rule: Divide 2	Ex.	8
1)	Find the next number in the pattern. 256, 64, 16,	1.	
2)	Find the next number in the pattern. 31, 26, 21, 16, 11, 6,	2.	
3)	Find the next number in the pattern. 9, 14, 19, 24, 29, 34,	 4. 	
4)	Find the next number in the pattern. 6, 12, 24, 48,	5.	
5)	Find the next number in the pattern. 9, 45, 225, 1125,	6.	
6)	Find the next number in the pattern. 8, 16, 24, 32,	7. 8.	
7)	Find the next number in the pattern. 128, 64, 32, 16,	9.	
8)	Find the next number in the pattern. 44, 38, 32, 26, 20, 14,	10.	
9)	Find the next number in the pattern. 5, 15, 25, 35, 45, 55, 65,	11.	
10)	Find the next number in the pattern. 49, 39, 29, 19,	12.	
11)	Find the next number in the pattern. 1536, 384, 96, 24,	14.	
12)	Find the next number in the pattern. 6, 30, 150,	15.	
13)	Find the next number in the pattern. 33, 28, 23, 18, 13, 8,		
14)	Find the next number in the pattern. 2, 8, 14, 20, 26,		

15) Find the next number in the pattern.

Find the next number in the pattern.

 $\mathbf{E}_{\mathbf{X}}$) Find the next number in the pattern.

64, 32, 16, 8 Rule: Divide 2

1) Find the next number in the pattern.

256, 64, 16, 4 Rule: Divide 4

2) Find the next number in the pattern.

31, 26, 21, 16, 11, 6, 1 Rule: Subtract 5

3) Find the next number in the pattern.

9, 14, 19, 24, 29, 34, 39 Rule: Add 5

4) Find the next number in the pattern.

6, 12, 24, 48, 96 Rule: Multiply 2

5) Find the next number in the pattern.

9, 45, 225, 1125, **5,625** Rule: Multiply 5

6) Find the next number in the pattern.

8, 16, 24, 32, 40 Rule: Add 8

7) Find the next number in the pattern.

128, 64, 32, 16, 8 Rule: Divide 2

8) Find the next number in the pattern.

44, 38, 32, 26, 20, 14, 8 Rule: Subtract 6

9) Find the next number in the pattern.

5, 15, 25, 35, 45, 55, 65, 75 Rule: Add 10

10) Find the next number in the pattern.

49, 39, 29, 19, 9 Rule: Subtract 10

11) *Find the next number in the pattern.*

1536, 384, 96, 24, 6 Rule: Divide 4

12) *Find the next number in the pattern.*

6, 30, 150, 750 Rule: Multiply 5

13) *Find the next number in the pattern.*

33, 28, 23, 18, 13, 8, 3 Rule: Subtract 5

14) Find the next number in the pattern.

2, 8, 14, 20, 26, 32 Rule: Add 6

15) *Find the next number in the pattern.*

5, 15, 45, ___135 Rule: Multiply 3

<u>Answers</u>

96

5,625

75

750

135 15.