

**Find the next number in the pattern.****Answers****Ex)** Find the next number in the pattern.64 , 55 , 46 , 37 , 28 , 19 , 10 , 1 **Rule: Subtract 9**Ex. 1**1)** Find the next number in the pattern.

375 , 75 , 15 , _____

1. _____

2) Find the next number in the pattern.

3 , 9 , 27 , 81 , _____

2. _____

3) Find the next number in the pattern.

6 , 10 , 14 , 18 , 22 , _____

3. _____

4) Find the next number in the pattern.

8 , 13 , 18 , 23 , _____

4. _____

5) Find the next number in the pattern.

8 , 24 , 72 , 216 , _____

5. _____

6) Find the next number in the pattern.

59 , 49 , 39 , 29 , 19 , _____

6. _____

7) Find the next number in the pattern.

43 , 37 , 31 , 25 , 19 , 13 , 7 , _____

7. _____

8) Find the next number in the pattern.

7 , 28 , 112 , _____

8. _____

9) Find the next number in the pattern.

625 , 125 , 25 , _____

9. _____

10) Find the next number in the pattern.

7 , 10 , 13 , 16 , 19 , 22 , _____

10. _____

11) Find the next number in the pattern.

189 , 63 , 21 , _____

11. _____

12) Find the next number in the pattern.

8 , 16 , 32 , 64 , _____

12. _____

13) Find the next number in the pattern.

19 , 17 , 15 , 13 , 11 , 9 , _____

13. _____

14) Find the next number in the pattern.

256 , 64 , 16 , _____

14. _____

15) Find the next number in the pattern.

3 , 13 , 23 , 33 , 43 , 53 , _____

15. _____

**Find the next number in the pattern.****Ex)** Find the next number in the pattern.64, 55, 46, 37, 28, 19, 10, 1 Rule: Subtract 9**1)** Find the next number in the pattern.375, 75, 15, 3 Rule: Divide 5**2)** Find the next number in the pattern.3, 9, 27, 81, 243 Rule: Multiply 3**3)** Find the next number in the pattern.6, 10, 14, 18, 22, 26 Rule: Add 4**4)** Find the next number in the pattern.8, 13, 18, 23, 28 Rule: Add 5**5)** Find the next number in the pattern.8, 24, 72, 216, 648 Rule: Multiply 3**6)** Find the next number in the pattern.59, 49, 39, 29, 19, 9 Rule: Subtract 10**7)** Find the next number in the pattern.43, 37, 31, 25, 19, 13, 7, 1 Rule: Subtract 6**8)** Find the next number in the pattern.7, 28, 112, 448 Rule: Multiply 4**9)** Find the next number in the pattern.625, 125, 25, 5 Rule: Divide 5**10)** Find the next number in the pattern.7, 10, 13, 16, 19, 22, 25 Rule: Add 3**11)** Find the next number in the pattern.189, 63, 21, 7 Rule: Divide 3**12)** Find the next number in the pattern.8, 16, 32, 64, 128 Rule: Multiply 2**13)** Find the next number in the pattern.19, 17, 15, 13, 11, 9, 7 Rule: Subtract 2**14)** Find the next number in the pattern.256, 64, 16, 4 Rule: Divide 4**15)** Find the next number in the pattern.3, 13, 23, 33, 43, 53, 63 Rule: Add 10**Answers**Ex. 11. 32. 2433. 264. 285. 6486. 97. 18. 4489. 510. 2511. 712. 12813. 714. 415. 63

**Find the next number in the pattern.****Ex)** Find the next number in the pattern.2, 4, 8, 16, 32 Rule: Multiply 2**Answers**Ex. 32**1)** Find the next number in the pattern.

189, 63, 21, _____

1. _____

2) Find the next number in the pattern.

4, 9, 14, 19, 24, _____

2. _____

3) Find the next number in the pattern.

6, 12, 24, _____

3. _____

4) Find the next number in the pattern.

59, 50, 41, 32, 23, 14, _____

4. _____

5) Find the next number in the pattern.

17, 15, 13, 11, 9, _____

5. _____

6) Find the next number in the pattern.

4, 16, 64, 256, _____

6. _____

7) Find the next number in the pattern.

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

7. _____

8) Find the next number in the pattern.

4, 6, 8, 10, 12, 14, _____

8. _____

9) Find the next number in the pattern.

512, 128, 32, 8, _____

9. _____

10) Find the next number in the pattern.

19, 17, 15, 13, 11, 9, 7, _____

10. _____

11) Find the next number in the pattern.

112, 56, 28, 14, _____

11. _____

12) Find the next number in the pattern.

43, 36, 29, 22, 15, _____

12. _____

13) Find the next number in the pattern.

48, 24, 12, _____

13. _____

14) Find the next number in the pattern.

7, 21, 63, _____

14. _____

15) Find the next number in the pattern.

8, 10, 12, 14, 16, 18, 20, _____

15. _____

**Find the next number in the pattern.****Ex)** Find the next number in the pattern.2, 4, 8, 16, 32 Rule: Multiply 2**1)** Find the next number in the pattern.189, 63, 21, 7 Rule: Divide 3**2)** Find the next number in the pattern.4, 9, 14, 19, 24, 29 Rule: Add 5**3)** Find the next number in the pattern.6, 12, 24, 48 Rule: Multiply 2**4)** Find the next number in the pattern.59, 50, 41, 32, 23, 14, 5 Rule: Subtract 9**5)** Find the next number in the pattern.17, 15, 13, 11, 9, 7 Rule: Subtract 2**6)** Find the next number in the pattern.4, 16, 64, 256, 1,024 Rule: Multiply 4**7)** Find the next number in the pattern.6, 8, 10, 12, 14, 16, 18 Rule: Add 2**8)** Find the next number in the pattern.4, 6, 8, 10, 12, 14, 16 Rule: Add 2**9)** Find the next number in the pattern.512, 128, 32, 8, 2 Rule: Divide 4**10)** Find the next number in the pattern.19, 17, 15, 13, 11, 9, 7, 5 Rule: Subtract 2**11)** Find the next number in the pattern.112, 56, 28, 14, 7 Rule: Divide 2**12)** Find the next number in the pattern.43, 36, 29, 22, 15, 8 Rule: Subtract 7**13)** Find the next number in the pattern.48, 24, 12, 6 Rule: Divide 2**14)** Find the next number in the pattern.7, 21, 63, 189 Rule: Multiply 3**15)** Find the next number in the pattern.8, 10, 12, 14, 16, 18, 20, 22 Rule: Add 2**Answers**Ex. 321. 72. 293. 484. 55. 76. 1,0247. 188. 169. 210. 511. 712. 813. 614. 18915. 22

**Find the next number in the pattern.****Ex)** Find the next number in the pattern.2 , 7 , 12 , 17 , 22 , 27 , 32 Rule: Add 5**1)** Find the next number in the pattern.

3 , 6 , 12 , _____

2) Find the next number in the pattern.

3 , 10 , 17 , 24 , 31 , 38 , 45 , _____

3) Find the next number in the pattern.

2 , 6 , 18 , _____

4) Find the next number in the pattern.

39 , 31 , 23 , 15 , _____

5) Find the next number in the pattern.

72 , 36 , 18 , _____

6) Find the next number in the pattern.

48 , 24 , 12 , _____

7) Find the next number in the pattern.

192 , 48 , 12 , _____

8) Find the next number in the pattern.

6 , 12 , 24 , 48 , _____

9) Find the next number in the pattern.

1 , 10 , 19 , 28 , _____

10) Find the next number in the pattern.

29 , 24 , 19 , 14 , _____

11) Find the next number in the pattern.

7 , 14 , 28 , _____

12) Find the next number in the pattern.

31 , 25 , 19 , 13 , 7 , _____

13) Find the next number in the pattern.

2 , 11 , 20 , 29 , 38 , 47 , _____

14) Find the next number in the pattern.

58 , 50 , 42 , 34 , 26 , 18 , _____

15) Find the next number in the pattern.

1,125 , 225 , 45 , _____

AnswersEx. 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, 7, 12, 17, 22, 27, 32 Rule: Add 5**1)** Find the next number in the pattern.3, 6, 12, 24 Rule: Multiply 2**2)** Find the next number in the pattern.3, 10, 17, 24, 31, 38, 45, 52 Rule: Add 7**3)** Find the next number in the pattern.2, 6, 18, 54 Rule: Multiply 3**4)** Find the next number in the pattern.39, 31, 23, 15, 7 Rule: Subtract 8**5)** Find the next number in the pattern.72, 36, 18, 9 Rule: Divide 2**6)** Find the next number in the pattern.48, 24, 12, 6 Rule: Divide 2**7)** Find the next number in the pattern.192, 48, 12, 3 Rule: Divide 4**8)** Find the next number in the pattern.6, 12, 24, 48, 96 Rule: Multiply 2**9)** Find the next number in the pattern.1, 10, 19, 28, 37 Rule: Add 9**10)** Find the next number in the pattern.29, 24, 19, 14, 9 Rule: Subtract 5**11)** Find the next number in the pattern.7, 14, 28, 56 Rule: Multiply 2**12)** Find the next number in the pattern.31, 25, 19, 13, 7, 1 Rule: Subtract 6**13)** Find the next number in the pattern.2, 11, 20, 29, 38, 47, 56 Rule: Add 9**14)** Find the next number in the pattern.58, 50, 42, 34, 26, 18, 10 Rule: Subtract 8**15)** Find the next number in the pattern.1,125, 225, 45, 9 Rule: Divide 5**Answers**Ex. 321. 242. 523. 544. 75. 96. 67. 38. 969. 3710. 911. 5612. 113. 5614. 1015. 9

**Find the next number in the pattern.****Answers****Ex)** Find the next number in the pattern.135 , 45 , 15 , 5 **Rule: Divide 3**Ex. 5**1)** Find the next number in the pattern.

23 , 20 , 17 , 14 , 11 , 8 , 5 , _____

1. _____

2) Find the next number in the pattern.

9 , 14 , 19 , 24 , 29 , 34 , _____

2. _____

3) Find the next number in the pattern.

7 , 15 , 23 , 31 , 39 , 47 , _____

3. _____

4) Find the next number in the pattern.

19 , 17 , 15 , 13 , 11 , 9 , _____

4. _____

5) Find the next number in the pattern.

64 , 32 , 16 , _____

5. _____

6) Find the next number in the pattern.

2 , 8 , 32 , 128 , _____

6. _____

7) Find the next number in the pattern.

19 , 17 , 15 , 13 , 11 , _____

7. _____

8) Find the next number in the pattern.

9 , 36 , 144 , _____

8. _____

9) Find the next number in the pattern.

243 , 81 , 27 , _____

9. _____

10) Find the next number in the pattern.

5 , 10 , 15 , 20 , _____

10. _____

11) Find the next number in the pattern.

3 , 15 , 75 , _____

11. _____

12) Find the next number in the pattern.

21 , 17 , 13 , 9 , _____

12. _____

13) Find the next number in the pattern.

3 , 6 , 12 , _____

13. _____

14) Find the next number in the pattern.

1 , 6 , 11 , 16 , 21 , _____

14. _____

15) Find the next number in the pattern.

648 , 216 , 72 , 24 , _____

15. _____

**Find the next number in the pattern.****Ex)** Find the next number in the pattern.135 , 45 , 15 , 5 Rule: Divide 3**1)** Find the next number in the pattern.23 , 20 , 17 , 14 , 11 , 8 , 5 , 2 Rule: Subtract 3**2)** Find the next number in the pattern.9 , 14 , 19 , 24 , 29 , 34 , 39 Rule: Add 5**3)** Find the next number in the pattern.7 , 15 , 23 , 31 , 39 , 47 , 55 Rule: Add 8**4)** Find the next number in the pattern.19 , 17 , 15 , 13 , 11 , 9 , 7 Rule: Subtract 2**5)** Find the next number in the pattern.64 , 32 , 16 , 8 Rule: Divide 2**6)** Find the next number in the pattern.2 , 8 , 32 , 128 , 512 Rule: Multiply 4**7)** Find the next number in the pattern.19 , 17 , 15 , 13 , 11 , 9 Rule: Subtract 2**8)** Find the next number in the pattern.9 , 36 , 144 , 576 Rule: Multiply 4**9)** Find the next number in the pattern.243 , 81 , 27 , 9 Rule: Divide 3**10)** Find the next number in the pattern.5 , 10 , 15 , 20 , 25 Rule: Add 5**11)** Find the next number in the pattern.3 , 15 , 75 , 375 Rule: Multiply 5**12)** Find the next number in the pattern.21 , 17 , 13 , 9 , 5 Rule: Subtract 4**13)** Find the next number in the pattern.3 , 6 , 12 , 24 Rule: Multiply 2**14)** Find the next number in the pattern.1 , 6 , 11 , 16 , 21 , 26 Rule: Add 5**15)** Find the next number in the pattern.648 , 216 , 72 , 24 , 8 Rule: Divide 3**Answers**Ex. 51. 22. 393. 554. 75. 86. 5127. 98. 5769. 910. 2511. 37512. 513. 2414. 2615. 8

**Find the next number in the pattern.****Ex)** Find the next number in the pattern.7 , 17 , 27 , 37 , 47 , 57 , 67 , 77 **Rule: Add 10****1)** Find the next number in the pattern.

40 , 20 , 10 , _____

2) Find the next number in the pattern.

7 , 21 , 63 , 189 , _____

3) Find the next number in the pattern.

6 , 18 , 54 , 162 , _____

4) Find the next number in the pattern.

24 , 22 , 20 , 18 , 16 , 14 , 12 , _____

5) Find the next number in the pattern.

31 , 25 , 19 , 13 , _____

6) Find the next number in the pattern.

14 , 12 , 10 , 8 , 6 , _____

7) Find the next number in the pattern.

10 , 12 , 14 , 16 , 18 , _____

8) Find the next number in the pattern.

729 , 243 , 81 , 27 , _____

9) Find the next number in the pattern.

23 , 18 , 13 , 8 , _____

10) Find the next number in the pattern.

2 , 6 , 18 , 54 , _____

11) Find the next number in the pattern.

216 , 72 , 24 , _____

12) Find the next number in the pattern.

6 , 16 , 26 , 36 , 46 , _____

13) Find the next number in the pattern.

16 , 8 , 4 , _____

14) Find the next number in the pattern.

3 , 9 , 27 , 81 , _____

15) Find the next number in the pattern.

4 , 10 , 16 , 22 , _____

AnswersEx. 77

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.7, 17, 27, 37, 47, 57, 67, 77 Rule: Add 10**1)** Find the next number in the pattern.40, 20, 10, 5 Rule: Divide 2**2)** Find the next number in the pattern.7, 21, 63, 189, 567 Rule: Multiply 3**3)** Find the next number in the pattern.6, 18, 54, 162, 486 Rule: Multiply 3**4)** Find the next number in the pattern.24, 22, 20, 18, 16, 14, 12, 10 Rule: Subtract 2**5)** Find the next number in the pattern.31, 25, 19, 13, 7 Rule: Subtract 6**6)** Find the next number in the pattern.14, 12, 10, 8, 6, 4 Rule: Subtract 2**7)** Find the next number in the pattern.10, 12, 14, 16, 18, 20 Rule: Add 2**8)** Find the next number in the pattern.729, 243, 81, 27, 9 Rule: Divide 3**9)** Find the next number in the pattern.23, 18, 13, 8, 3 Rule: Subtract 5**10)** Find the next number in the pattern.2, 6, 18, 54, 162 Rule: Multiply 3**11)** Find the next number in the pattern.216, 72, 24, 8 Rule: Divide 3**12)** Find the next number in the pattern.6, 16, 26, 36, 46, 56 Rule: Add 10**13)** Find the next number in the pattern.16, 8, 4, 2 Rule: Divide 2**14)** Find the next number in the pattern.3, 9, 27, 81, 243 Rule: Multiply 3**15)** Find the next number in the pattern.4, 10, 16, 22, 28 Rule: Add 6**Answers**Ex. 771. 52. 5673. 4864. 105. 76. 47. 208. 99. 310. 16211. 812. 5613. 214. 24315. 28

**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 , _____

AnswersEx. 35

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.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. 351. 372. 93. 34. 185. 26. 5,0007. 488. 59. 87510. 611. 912. 4,37513. 714. 515. 512

**Find the next number in the pattern.****Ex)** Find the next number in the pattern.2 , 9 , 16 , 23 , 30 , 37 Rule: Add 7**Answers**Ex. 37**1)** Find the next number in the pattern.

8 , 16 , 32 , 64 , _____

1. _____

2) Find the next number in the pattern.

49 , 41 , 33 , 25 , 17 , _____

2. _____

3) Find the next number in the pattern.

135 , 45 , 15 , _____

3. _____

4) Find the next number in the pattern.

5 , 20 , 80 , 320 , _____

4. _____

5) Find the next number in the pattern.

3 , 6 , 12 , _____

5. _____

6) Find the next number in the pattern.

5 , 15 , 25 , 35 , 45 , 55 , 65 , _____

6. _____

7) Find the next number in the pattern.

33 , 25 , 17 , 9 , _____

7. _____

8) Find the next number in the pattern.

6 , 12 , 24 , _____

8. _____

9) Find the next number in the pattern.

38 , 29 , 20 , 11 , _____

9. _____

10) Find the next number in the pattern.

1 , 10 , 19 , 28 , 37 , 46 , _____

10. _____

11) Find the next number in the pattern.

5 , 9 , 13 , 17 , 21 , _____

11. _____

12) Find the next number in the pattern.

405 , 135 , 45 , 15 , _____

12. _____

13) Find the next number in the pattern.

27 , 24 , 21 , 18 , 15 , 12 , 9 , _____

13. _____

14) Find the next number in the pattern.

729 , 243 , 81 , 27 , _____

14. _____

15) Find the next number in the pattern.

64 , 32 , 16 , _____

15. _____

**Find the next number in the pattern.****Ex)** Find the next number in the pattern.2, 9, 16, 23, 30, 37 Rule: Add 7**1)** Find the next number in the pattern.8, 16, 32, 64, 128 Rule: Multiply 2**2)** Find the next number in the pattern.49, 41, 33, 25, 17, 9 Rule: Subtract 8**3)** Find the next number in the pattern.135, 45, 15, 5 Rule: Divide 3**4)** Find the next number in the pattern.5, 20, 80, 320, 1,280 Rule: Multiply 4**5)** Find the next number in the pattern.3, 6, 12, 24 Rule: Multiply 2**6)** Find the next number in the pattern.5, 15, 25, 35, 45, 55, 65, 75 Rule: Add 10**7)** Find the next number in the pattern.33, 25, 17, 9, 1 Rule: Subtract 8**8)** Find the next number in the pattern.6, 12, 24, 48 Rule: Multiply 2**9)** Find the next number in the pattern.38, 29, 20, 11, 2 Rule: Subtract 9**10)** Find the next number in the pattern.1, 10, 19, 28, 37, 46, 55 Rule: Add 9**11)** Find the next number in the pattern.5, 9, 13, 17, 21, 25 Rule: Add 4**12)** Find the next number in the pattern.405, 135, 45, 15, 5 Rule: Divide 3**13)** Find the next number in the pattern.27, 24, 21, 18, 15, 12, 9, 6 Rule: Subtract 3**14)** Find the next number in the pattern.729, 243, 81, 27, 9 Rule: Divide 3**15)** Find the next number in the pattern.64, 32, 16, 8 Rule: Divide 2**Answers**Ex. 371. 1282. 93. 54. 1,2805. 246. 757. 18. 489. 210. 5511. 2512. 513. 614. 915. 8

**Find the next number in the pattern.****Answers****Ex)** Find the next number in the pattern.1,024 , 256 , 64 , 16 , 4 Rule: Divide 4Ex. 4**1)** Find the next number in the pattern.

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

1. _____

2) Find the next number in the pattern.

3 , 7 , 11 , 15 , _____

2. _____

3) Find the next number in the pattern.

5 , 12 , 19 , 26 , 33 , 40 , _____

3. _____

4) Find the next number in the pattern.

9 , 16 , 23 , 30 , 37 , 44 , _____

4. _____

5) Find the next number in the pattern.

8 , 12 , 16 , 20 , _____

5. _____

6) Find the next number in the pattern.

38 , 29 , 20 , 11 , _____

6. _____

7) Find the next number in the pattern.

162 , 54 , 18 , _____

7. _____

8) Find the next number in the pattern.

2 , 10 , 50 , 250 , _____

8. _____

9) Find the next number in the pattern.

9 , 36 , 144 , _____

9. _____

10) Find the next number in the pattern.

30 , 26 , 22 , 18 , 14 , _____

10. _____

11) Find the next number in the pattern.

64 , 32 , 16 , 8 , _____

11. _____

12) Find the next number in the pattern.

2 , 4 , 8 , 16 , _____

12. _____

13) Find the next number in the pattern.

512 , 128 , 32 , _____

13. _____

14) Find the next number in the pattern.

59 , 50 , 41 , 32 , 23 , 14 , _____

14. _____

15) Find the next number in the pattern.

5 , 20 , 80 , _____

15. _____

**Find the next number in the pattern.****Answers****Ex)** Find the next number in the pattern.1,024 , 256 , 64 , 16 , 4 Rule: Divide 4Ex. 4**1)** Find the next number in the pattern.62 , 52 , 42 , 32 , 22 , 12 , 2 Rule: Subtract 101. 2**2)** Find the next number in the pattern.3 , 7 , 11 , 15 , 19 Rule: Add 42. 19**3)** Find the next number in the pattern.5 , 12 , 19 , 26 , 33 , 40 , 47 Rule: Add 73. 47**4)** Find the next number in the pattern.9 , 16 , 23 , 30 , 37 , 44 , 51 Rule: Add 74. 51**5)** Find the next number in the pattern.8 , 12 , 16 , 20 , 24 Rule: Add 45. 24**6)** Find the next number in the pattern.38 , 29 , 20 , 11 , 2 Rule: Subtract 96. 2**7)** Find the next number in the pattern.162 , 54 , 18 , 6 Rule: Divide 37. 6**8)** Find the next number in the pattern.2 , 10 , 50 , 250 , 1,250 Rule: Multiply 58. 1,250**9)** Find the next number in the pattern.9 , 36 , 144 , 576 Rule: Multiply 49. 576**10)** Find the next number in the pattern.30 , 26 , 22 , 18 , 14 , 10 Rule: Subtract 410. 10**11)** Find the next number in the pattern.64 , 32 , 16 , 8 , 4 Rule: Divide 211. 4**12)** Find the next number in the pattern.2 , 4 , 8 , 16 , 32 Rule: Multiply 212. 32**13)** Find the next number in the pattern.512 , 128 , 32 , 8 Rule: Divide 413. 8**14)** Find the next number in the pattern.59 , 50 , 41 , 32 , 23 , 14 , 5 Rule: Subtract 914. 5**15)** Find the next number in the pattern.5 , 20 , 80 , 320 Rule: Multiply 415. 320

**Find the next number in the pattern.****Answers****Ex)** Find the next number in the pattern.8, 24, 72, 216, 648 Rule: Multiply 3Ex. 648**1)** Find the next number in the pattern.

4, 6, 8, 10, 12, 14, 16, _____

1. _____

2) Find the next number in the pattern.

162, 54, 18, _____

2. _____

3) Find the next number in the pattern.

108, 36, 12, _____

3. _____

4) Find the next number in the pattern.

2,304, 576, 144, 36, _____

4. _____

5) Find the next number in the pattern.

21, 17, 13, 9, 5, _____

5. _____

6) Find the next number in the pattern.

58, 48, 38, 28, 18, _____

6. _____

7) Find the next number in the pattern.

1,280, 320, 80, 20, _____

7. _____

8) Find the next number in the pattern.

2, 12, 22, 32, 42, 52, _____

8. _____

9) Find the next number in the pattern.

5, 15, 45, 135, _____

9. _____

10) Find the next number in the pattern.

5, 11, 17, 23, 29, 35, _____

10. _____

11) Find the next number in the pattern.

40, 35, 30, 25, 20, 15, _____

11. _____

12) Find the next number in the pattern.

3, 12, 21, 30, _____

12. _____

13) Find the next number in the pattern.

77, 67, 57, 47, 37, 27, 17, _____

13. _____

14) Find the next number in the pattern.

4, 16, 64, _____

14. _____

15) Find the next number in the pattern.

2, 10, 50, 250, _____

15. _____

**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.4, 6, 8, 10, 12, 14, 16, 18 Rule: Add 2**2)** Find the next number in the pattern.162, 54, 18, 6 Rule: Divide 3**3)** Find the next number in the pattern.108, 36, 12, 4 Rule: Divide 3**4)** Find the next number in the pattern.2,304, 576, 144, 36, 9 Rule: Divide 4**5)** Find the next number in the pattern.21, 17, 13, 9, 5, 1 Rule: Subtract 4**6)** Find the next number in the pattern.58, 48, 38, 28, 18, 8 Rule: Subtract 10**7)** Find the next number in the pattern.1,280, 320, 80, 20, 5 Rule: Divide 4**8)** Find the next number in the pattern.2, 12, 22, 32, 42, 52, 62 Rule: Add 10**9)** Find the next number in the pattern.5, 15, 45, 135, 405 Rule: Multiply 3**10)** Find the next number in the pattern.5, 11, 17, 23, 29, 35, 41 Rule: Add 6**11)** Find the next number in the pattern.40, 35, 30, 25, 20, 15, 10 Rule: Subtract 5**12)** Find the next number in the pattern.3, 12, 21, 30, 39 Rule: Add 9**13)** Find the next number in the pattern.77, 67, 57, 47, 37, 27, 17, 7 Rule: Subtract 10**14)** Find the next number in the pattern.4, 16, 64, 256 Rule: Multiply 4**15)** Find the next number in the pattern.2, 10, 50, 250, 1,250 Rule: Multiply 5**Answers**Ex. 6481. 182. 63. 44. 95. 16. 87. 58. 629. 40510. 4111. 1012. 3913. 714. 25615. 1,250

**Find the next number in the pattern.****Answers****Ex)** Find the next number in the pattern.192 , 48 , 12 , 3 **Rule: Divide 4**Ex. 3**1)** Find the next number in the pattern.

9 , 18 , 27 , 36 , _____

1. _____

2) Find the next number in the pattern.

39 , 34 , 29 , 24 , 19 , 14 , 9 , _____

2. _____

3) Find the next number in the pattern.

17 , 15 , 13 , 11 , 9 , _____

3. _____

4) Find the next number in the pattern.

8 , 24 , 72 , _____

4. _____

5) Find the next number in the pattern.

1 , 11 , 21 , 31 , 41 , 51 , 61 , _____

5. _____

6) Find the next number in the pattern.

6 , 18 , 54 , _____

6. _____

7) Find the next number in the pattern.

49 , 40 , 31 , 22 , 13 , _____

7. _____

8) Find the next number in the pattern.

9 , 45 , 225 , _____

8. _____

9) Find the next number in the pattern.

512 , 128 , 32 , _____

9. _____

10) Find the next number in the pattern.

96 , 48 , 24 , 12 , _____

10. _____

11) Find the next number in the pattern.

54 , 18 , 6 , _____

11. _____

12) Find the next number in the pattern.

4 , 12 , 20 , 28 , 36 , 44 , _____

12. _____

13) Find the next number in the pattern.

1 , 3 , 5 , 7 , 9 , _____

13. _____

14) Find the next number in the pattern.

6 , 30 , 150 , _____

14. _____

15) Find the next number in the pattern.

20 , 17 , 14 , 11 , 8 , _____

15. _____

**Find the next number in the pattern.****Ex)** Find the next number in the pattern.192 , 48 , 12 , 3 Rule: Divide 4**1)** Find the next number in the pattern.9 , 18 , 27 , 36 , 45 Rule: Add 9**2)** Find the next number in the pattern.39 , 34 , 29 , 24 , 19 , 14 , 9 , 4 Rule: Subtract 5**3)** Find the next number in the pattern.17 , 15 , 13 , 11 , 9 , 7 Rule: Subtract 2**4)** Find the next number in the pattern.8 , 24 , 72 , 216 Rule: Multiply 3**5)** Find the next number in the pattern.1 , 11 , 21 , 31 , 41 , 51 , 61 , 71 Rule: Add 10**6)** Find the next number in the pattern.6 , 18 , 54 , 162 Rule: Multiply 3**7)** Find the next number in the pattern.49 , 40 , 31 , 22 , 13 , 4 Rule: Subtract 9**8)** Find the next number in the pattern.9 , 45 , 225 , 1,125 Rule: Multiply 5**9)** Find the next number in the pattern.512 , 128 , 32 , 8 Rule: Divide 4**10)** Find the next number in the pattern.96 , 48 , 24 , 12 , 6 Rule: Divide 2**11)** Find the next number in the pattern.54 , 18 , 6 , 2 Rule: Divide 3**12)** Find the next number in the pattern.4 , 12 , 20 , 28 , 36 , 44 , 52 Rule: Add 8**13)** Find the next number in the pattern.1 , 3 , 5 , 7 , 9 , 11 Rule: Add 2**14)** Find the next number in the pattern.6 , 30 , 150 , 750 Rule: Multiply 5**15)** Find the next number in the pattern.20 , 17 , 14 , 11 , 8 , 5 Rule: Subtract 3**Answers**Ex. 31. 452. 43. 74. 2165. 716. 1627. 48. 1,1259. 810. 611. 212. 5213. 1114. 75015. 5