

**Find the rule the pattern is using.****Answers****Ex)** Find the rule the pattern is using.

64 , 55 , 46 , 37 , 28 , 19 , 10 , 1

Rule = Subtract 9Ex. Subtract 9**1)** Find the rule the pattern is using.

375 , 75 , 15 , 3

Rule = _____

1. _____

2) Find the rule the pattern is using.

3 , 9 , 27 , 81 , 243

Rule = _____

2. _____

3) Find the rule the pattern is using.

6 , 10 , 14 , 18 , 22 , 26

Rule = _____

3. _____

4) Find the rule the pattern is using.

8 , 13 , 18 , 23 , 28

Rule = _____

4. _____

5) Find the rule the pattern is using.

8 , 24 , 72 , 216 , 648

Rule = _____

6. _____

6) Find the rule the pattern is using.

59 , 49 , 39 , 29 , 19 , 9

Rule = _____

7. _____

7) Find the rule the pattern is using.

43 , 37 , 31 , 25 , 19 , 13 , 7 , 1

Rule = _____

8. _____

8) Find the rule the pattern is using.

7 , 28 , 112 , 448

Rule = _____

9. _____

9) Find the rule the pattern is using.

625 , 125 , 25 , 5

Rule = _____

10. _____

10) Find the rule the pattern is using.

7 , 10 , 13 , 16 , 19 , 22 , 25

Rule = _____

11. _____

11) Find the rule the pattern is using.

189 , 63 , 21 , 7

Rule = _____

12. _____

12) Find the rule the pattern is using.

8 , 16 , 32 , 64 , 128

Rule = _____

13. _____

13) Find the rule the pattern is using.

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

Rule = _____

14. _____

14) Find the rule the pattern is using.

256 , 64 , 16 , 4

Rule = _____

15. _____

15) Find the rule the pattern is using.

3 , 13 , 23 , 33 , 43 , 53 , 63

Rule = _____

**Find the rule the pattern is using.****Ex)** Find the rule the pattern is using.

64, 55, 46, 37, 28, 19, 10, 1

Rule = Subtract 9**1)** Find the rule the pattern is using.

375, 75, 15, 3

Rule = Divide 5**2)** Find the rule the pattern is using.

3, 9, 27, 81, 243

Rule = Multiply 3**3)** Find the rule the pattern is using.

6, 10, 14, 18, 22, 26

Rule = Add 4**4)** Find the rule the pattern is using.

8, 13, 18, 23, 28

Rule = Add 5**5)** Find the rule the pattern is using.

8, 24, 72, 216, 648

Rule = Multiply 3**6)** Find the rule the pattern is using.

59, 49, 39, 29, 19, 9

Rule = Subtract 10**7)** Find the rule the pattern is using.

43, 37, 31, 25, 19, 13, 7, 1

Rule = Subtract 6**8)** Find the rule the pattern is using.

7, 28, 112, 448

Rule = Multiply 4**9)** Find the rule the pattern is using.

625, 125, 25, 5

Rule = Divide 5**10)** Find the rule the pattern is using.

7, 10, 13, 16, 19, 22, 25

Rule = Add 3**11)** Find the rule the pattern is using.

189, 63, 21, 7

Rule = Divide 3**12)** Find the rule the pattern is using.

8, 16, 32, 64, 128

Rule = Multiply 2**13)** Find the rule the pattern is using.

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

Rule = Subtract 2**14)** Find the rule the pattern is using.

256, 64, 16, 4

Rule = Divide 4**15)** Find the rule the pattern is using.

3, 13, 23, 33, 43, 53, 63

Rule = Add 10**Answers**Ex. Subtract 91. Divide 52. Multiply 33. Add 44. Add 55. Multiply 36. Subtract 107. Subtract 68. Multiply 49. Divide 510. Add 311. Divide 312. Multiply 213. Subtract 214. Divide 415. Add 10

**Find the rule the pattern is using.****Answers****Ex)** Find the rule the pattern is using.

2, 4, 8, 16, 32

Rule = Multiply 2Ex. Multiply 2**1)** Find the rule the pattern is using.

189, 63, 21, 7

Rule = _____

1. _____

2) Find the rule the pattern is using.

4, 9, 14, 19, 24, 29

Rule = _____

2. _____

3) Find the rule the pattern is using.

6, 12, 24, 48

Rule = _____

3. _____

4) Find the rule the pattern is using.

59, 50, 41, 32, 23, 14, 5

Rule = _____

4. _____

5) Find the rule the pattern is using.

17, 15, 13, 11, 9, 7

Rule = _____

5. _____

6) Find the rule the pattern is using.

4, 16, 64, 256, 1024

Rule = _____

6. _____

7) Find the rule the pattern is using.

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

Rule = _____

7. _____

8) Find the rule the pattern is using.

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

Rule = _____

8. _____

9) Find the rule the pattern is using.

512, 128, 32, 8, 2

Rule = _____

9. _____

10) Find the rule the pattern is using.

19, 17, 15, 13, 11, 9, 7, 5

Rule = _____

10. _____

11) Find the rule the pattern is using.

112, 56, 28, 14, 7

Rule = _____

11. _____

12) Find the rule the pattern is using.

43, 36, 29, 22, 15, 8

Rule = _____

12. _____

13) Find the rule the pattern is using.

48, 24, 12, 6

Rule = _____

13. _____

14) Find the rule the pattern is using.

7, 21, 63, 189

Rule = _____

14. _____

15) Find the rule the pattern is using.

8, 10, 12, 14, 16, 18, 20, 22

Rule = _____

15. _____

**Find the rule the pattern is using.****Ex)** Find the rule the pattern is using.

2, 4, 8, 16, 32

Rule = Multiply 2Ex. Multiply 2**1)** Find the rule the pattern is using.

189, 63, 21, 7

Rule = Divide 31. Divide 3**2)** Find the rule the pattern is using.

4, 9, 14, 19, 24, 29

Rule = Add 52. Add 5**3)** Find the rule the pattern is using.

6, 12, 24, 48

Rule = Multiply 23. Multiply 2**4)** Find the rule the pattern is using.

59, 50, 41, 32, 23, 14, 5

Rule = Subtract 94. Subtract 9**5)** Find the rule the pattern is using.

17, 15, 13, 11, 9, 7

Rule = Subtract 25. Subtract 2**6)** Find the rule the pattern is using.

4, 16, 64, 256, 1024

Rule = Multiply 46. Multiply 4**7)** Find the rule the pattern is using.

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

Rule = Add 27. Add 2**8)** Find the rule the pattern is using.

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

Rule = Add 28. Add 2**9)** Find the rule the pattern is using.

512, 128, 32, 8, 2

Rule = Divide 49. Divide 4**10)** Find the rule the pattern is using.

19, 17, 15, 13, 11, 9, 7, 5

Rule = Subtract 210. Subtract 2**11)** Find the rule the pattern is using.

112, 56, 28, 14, 7

Rule = Divide 211. Divide 2**12)** Find the rule the pattern is using.

43, 36, 29, 22, 15, 8

Rule = Subtract 712. Subtract 7**13)** Find the rule the pattern is using.

48, 24, 12, 6

Rule = Divide 213. Divide 2**14)** Find the rule the pattern is using.

7, 21, 63, 189

Rule = Multiply 314. Multiply 3**15)** Find the rule the pattern is using.

8, 10, 12, 14, 16, 18, 20, 22

Rule = Add 215. Add 2**Answers**

**Find the rule the pattern is using.****Answers****Ex)** Find the rule the pattern is using.

2 , 7 , 12 , 17 , 22 , 27 , 32

Rule = Add 5 Ex. Add 5 **1)** Find the rule the pattern is using.

3 , 6 , 12 , 24

Rule = _____

1. _____

2) Find the rule the pattern is using.

3 , 10 , 17 , 24 , 31 , 38 , 45 , 52

Rule = _____

2. _____

3) Find the rule the pattern is using.

2 , 6 , 18 , 54

Rule = _____

3. _____

4) Find the rule the pattern is using.

39 , 31 , 23 , 15 , 7

Rule = _____

4. _____

5) Find the rule the pattern is using.

72 , 36 , 18 , 9

Rule = _____

5. _____

6) Find the rule the pattern is using.

48 , 24 , 12 , 6

Rule = _____

6. _____

7) Find the rule the pattern is using.

192 , 48 , 12 , 3

Rule = _____

7. _____

8) Find the rule the pattern is using.

6 , 12 , 24 , 48 , 96

Rule = _____

8. _____

9) Find the rule the pattern is using.

1 , 10 , 19 , 28 , 37

Rule = _____

9. _____

10) Find the rule the pattern is using.

29 , 24 , 19 , 14 , 9

Rule = _____

10. _____

11) Find the rule the pattern is using.

7 , 14 , 28 , 56

Rule = _____

11. _____

12) Find the rule the pattern is using.

31 , 25 , 19 , 13 , 7 , 1

Rule = _____

12. _____

13) Find the rule the pattern is using.

2 , 11 , 20 , 29 , 38 , 47 , 56

Rule = _____

13. _____

14) Find the rule the pattern is using.

58 , 50 , 42 , 34 , 26 , 18 , 10

Rule = _____

14. _____

15) Find the rule the pattern is using.

1125 , 225 , 45 , 9

Rule = _____

15. _____

**Find the rule the pattern is using.****Ex)** Find the rule the pattern is using.

2, 7, 12, 17, 22, 27, 32

Rule = Add 5**1)** Find the rule the pattern is using.

3, 6, 12, 24

Rule = Multiply 2**2)** Find the rule the pattern is using.

3, 10, 17, 24, 31, 38, 45, 52

Rule = Add 7**3)** Find the rule the pattern is using.

2, 6, 18, 54

Rule = Multiply 3**4)** Find the rule the pattern is using.

39, 31, 23, 15, 7

Rule = Subtract 8**5)** Find the rule the pattern is using.

72, 36, 18, 9

Rule = Divide 2**6)** Find the rule the pattern is using.

48, 24, 12, 6

Rule = Divide 2**7)** Find the rule the pattern is using.

192, 48, 12, 3

Rule = Divide 4**8)** Find the rule the pattern is using.

6, 12, 24, 48, 96

Rule = Multiply 2**9)** Find the rule the pattern is using.

1, 10, 19, 28, 37

Rule = Add 9**10)** Find the rule the pattern is using.

29, 24, 19, 14, 9

Rule = Subtract 5**11)** Find the rule the pattern is using.

7, 14, 28, 56

Rule = Multiply 2**12)** Find the rule the pattern is using.

31, 25, 19, 13, 7, 1

Rule = Subtract 6**13)** Find the rule the pattern is using.

2, 11, 20, 29, 38, 47, 56

Rule = Add 9**14)** Find the rule the pattern is using.

58, 50, 42, 34, 26, 18, 10

Rule = Subtract 8**15)** Find the rule the pattern is using.

1125, 225, 45, 9

Rule = Divide 5**Answers**Ex. Add 51. Multiply 22. Add 73. Multiply 34. Subtract 85. Divide 26. Divide 27. Divide 48. Multiply 29. Add 910. Subtract 511. Multiply 212. Subtract 613. Add 914. Subtract 815. Divide 5

**Find the rule the pattern is using.****Answers****Ex)** Find the rule the pattern is using.

135 , 45 , 15 , 5

Rule = Divide 3Ex. Divide 3**1)** Find the rule the pattern is using.

23 , 20 , 17 , 14 , 11 , 8 , 5 , 2

Rule = _____

1. _____

2) Find the rule the pattern is using.

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

Rule = _____

2. _____

3) Find the rule the pattern is using.

7 , 15 , 23 , 31 , 39 , 47 , 55

Rule = _____

3. _____

4) Find the rule the pattern is using.

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

Rule = _____

4. _____

5) Find the rule the pattern is using.

64 , 32 , 16 , 8

Rule = _____

5. _____

6) Find the rule the pattern is using.

2 , 8 , 32 , 128 , 512

Rule = _____

6. _____

7) Find the rule the pattern is using.

19 , 17 , 15 , 13 , 11 , 9

Rule = _____

7. _____

8) Find the rule the pattern is using.

9 , 36 , 144 , 576

Rule = _____

8. _____

9) Find the rule the pattern is using.

243 , 81 , 27 , 9

Rule = _____

9. _____

10) Find the rule the pattern is using.

5 , 10 , 15 , 20 , 25

Rule = _____

10. _____

11) Find the rule the pattern is using.

3 , 15 , 75 , 375

Rule = _____

11. _____

12) Find the rule the pattern is using.

21 , 17 , 13 , 9 , 5

Rule = _____

12. _____

13) Find the rule the pattern is using.

3 , 6 , 12 , 24

Rule = _____

13. _____

14) Find the rule the pattern is using.

1 , 6 , 11 , 16 , 21 , 26

Rule = _____

14. _____

15) Find the rule the pattern is using.

648 , 216 , 72 , 24 , 8

Rule = _____

15. _____

**Find the rule the pattern is using.****Ex)** Find the rule the pattern is using.

135 , 45 , 15 , 5

Rule = Divide 3Ex. Divide 3**1)** Find the rule the pattern is using.

23 , 20 , 17 , 14 , 11 , 8 , 5 , 2

Rule = Subtract 31. Subtract 3**2)** Find the rule the pattern is using.

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

Rule = Add 52. Add 5**3)** Find the rule the pattern is using.

7 , 15 , 23 , 31 , 39 , 47 , 55

Rule = Add 83. Add 8**4)** Find the rule the pattern is using.

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

Rule = Subtract 24. Subtract 2**5)** Find the rule the pattern is using.

64 , 32 , 16 , 8

Rule = Divide 25. Divide 2**6)** Find the rule the pattern is using.

2 , 8 , 32 , 128 , 512

Rule = Multiply 46. Multiply 4**7)** Find the rule the pattern is using.

19 , 17 , 15 , 13 , 11 , 9

Rule = Subtract 27. Subtract 2**8)** Find the rule the pattern is using.

9 , 36 , 144 , 576

Rule = Multiply 48. Multiply 4**9)** Find the rule the pattern is using.

243 , 81 , 27 , 9

Rule = Divide 39. Divide 3**10)** Find the rule the pattern is using.

5 , 10 , 15 , 20 , 25

Rule = Add 510. Add 5**11)** Find the rule the pattern is using.

3 , 15 , 75 , 375

Rule = Multiply 511. Multiply 5**12)** Find the rule the pattern is using.

21 , 17 , 13 , 9 , 5

Rule = Subtract 412. Subtract 4**13)** Find the rule the pattern is using.

3 , 6 , 12 , 24

Rule = Multiply 213. Multiply 2**14)** Find the rule the pattern is using.

1 , 6 , 11 , 16 , 21 , 26

Rule = Add 514. Add 5**15)** Find the rule the pattern is using.

648 , 216 , 72 , 24 , 8

Rule = Divide 315. Divide 3**Answers**

**Find the rule the pattern is using.****Answers****Ex)** Find the rule the pattern is using.

7, 17, 27, 37, 47, 57, 67, 77

Rule = Add 10Ex. Add 10**1)** Find the rule the pattern is using.

40, 20, 10, 5

Rule = _____

1. _____

2) Find the rule the pattern is using.

7, 21, 63, 189, 567

Rule = _____

2. _____

3) Find the rule the pattern is using.

6, 18, 54, 162, 486

Rule = _____

3. _____

4) Find the rule the pattern is using.

24, 22, 20, 18, 16, 14, 12, 10

Rule = _____

4. _____

5) Find the rule the pattern is using.

31, 25, 19, 13, 7

Rule = _____

6. _____

6) Find the rule the pattern is using.

14, 12, 10, 8, 6, 4

Rule = _____

7. _____

7) Find the rule the pattern is using.

10, 12, 14, 16, 18, 20

Rule = _____

8. _____

8) Find the rule the pattern is using.

729, 243, 81, 27, 9

Rule = _____

9. _____

9) Find the rule the pattern is using.

23, 18, 13, 8, 3

Rule = _____

10. _____

10) Find the rule the pattern is using.

2, 6, 18, 54, 162

Rule = _____

11. _____

11) Find the rule the pattern is using.

216, 72, 24, 8

Rule = _____

12. _____

12) Find the rule the pattern is using.

6, 16, 26, 36, 46, 56

Rule = _____

13. _____

13) Find the rule the pattern is using.

16, 8, 4, 2

Rule = _____

15. _____

14) Find the rule the pattern is using.

3, 9, 27, 81, 243

Rule = _____

15) Find the rule the pattern is using.

4, 10, 16, 22, 28

Rule = _____

**Find the rule the pattern is using.****Ex)** Find the rule the pattern is using.

7, 17, 27, 37, 47, 57, 67, 77

Rule = Add 10**1)** Find the rule the pattern is using.

40, 20, 10, 5

Rule = Divide 2**2)** Find the rule the pattern is using.

7, 21, 63, 189, 567

Rule = Multiply 3**3)** Find the rule the pattern is using.

6, 18, 54, 162, 486

Rule = Multiply 3**4)** Find the rule the pattern is using.

24, 22, 20, 18, 16, 14, 12, 10

Rule = Subtract 2**5)** Find the rule the pattern is using.

31, 25, 19, 13, 7

Rule = Subtract 6**6)** Find the rule the pattern is using.

14, 12, 10, 8, 6, 4

Rule = Subtract 2**7)** Find the rule the pattern is using.

10, 12, 14, 16, 18, 20

Rule = Add 2**8)** Find the rule the pattern is using.

729, 243, 81, 27, 9

Rule = Divide 3**9)** Find the rule the pattern is using.

23, 18, 13, 8, 3

Rule = Subtract 5**10)** Find the rule the pattern is using.

2, 6, 18, 54, 162

Rule = Multiply 3**11)** Find the rule the pattern is using.

216, 72, 24, 8

Rule = Divide 3**12)** Find the rule the pattern is using.

6, 16, 26, 36, 46, 56

Rule = Add 10**13)** Find the rule the pattern is using.

16, 8, 4, 2

Rule = Divide 2**14)** Find the rule the pattern is using.

3, 9, 27, 81, 243

Rule = Multiply 3**15)** Find the rule the pattern is using.

4, 10, 16, 22, 28

Rule = Add 6**Answers**Ex. Add 101. Divide 22. Multiply 33. Multiply 34. Subtract 25. Subtract 66. Subtract 27. Add 28. Divide 39. Subtract 510. Multiply 311. Divide 312. Add 1013. Divide 214. Multiply 315. Add 6

**Find the rule the pattern is using.****Answers****Ex)** Find the rule the pattern is using.

5 , 11 , 17 , 23 , 29 , 35

Rule = Add 6 Ex. Add 6 **1)** Find the rule the pattern is using.

7 , 13 , 19 , 25 , 31 , 37

Rule = _____

1. _____

2) Find the rule the pattern is using.

72 , 36 , 18 , 9

Rule = _____

2. _____

3) Find the rule the pattern is using.

192 , 48 , 12 , 3

Rule = _____

3. _____

4) Find the rule the pattern is using.

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

Rule = _____

4. _____

5) Find the rule the pattern is using.

54 , 18 , 6 , 2

Rule = _____

5. _____

6) Find the rule the pattern is using.

8 , 40 , 200 , 1000 , 5000

Rule = _____

6. _____

7) Find the rule the pattern is using.

6 , 13 , 20 , 27 , 34 , 41 , 48

Rule = _____

7. _____

8) Find the rule the pattern is using.

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

Rule = _____

8. _____

9) Find the rule the pattern is using.

7 , 35 , 175 , 875

Rule = _____

9. _____

10) Find the rule the pattern is using.

55 , 48 , 41 , 34 , 27 , 20 , 13 , 6

Rule = _____

10. _____

11) Find the rule the pattern is using.

729 , 243 , 81 , 27 , 9

Rule = _____

11. _____

12) Find the rule the pattern is using.

7 , 35 , 175 , 875 , 4375

Rule = _____

12. _____

13) Find the rule the pattern is using.

49 , 43 , 37 , 31 , 25 , 19 , 13 , 7

Rule = _____

13. _____

14) Find the rule the pattern is using.

33 , 29 , 25 , 21 , 17 , 13 , 9 , 5

Rule = _____

14. _____

15) Find the rule the pattern is using.

8 , 32 , 128 , 512

Rule = _____

15. _____

**Find the rule the pattern is using.****Ex)** Find the rule the pattern is using.

5 , 11 , 17 , 23 , 29 , 35

Rule = Add 6 **1)** Find the rule the pattern is using.

7 , 13 , 19 , 25 , 31 , 37

Rule = Add 6 **2)** Find the rule the pattern is using.

72 , 36 , 18 , 9

Rule = Divide 2 **3)** Find the rule the pattern is using.

192 , 48 , 12 , 3

Rule = Divide 4 **4)** Find the rule the pattern is using.

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

Rule = Add 2 **5)** Find the rule the pattern is using.

54 , 18 , 6 , 2

Rule = Divide 3 **6)** Find the rule the pattern is using.

8 , 40 , 200 , 1000 , 5000

Rule = Multiply 5 **7)** Find the rule the pattern is using.

6 , 13 , 20 , 27 , 34 , 41 , 48

Rule = Add 7 **8)** Find the rule the pattern is using.

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

Rule = Subtract 10 **9)** Find the rule the pattern is using.

7 , 35 , 175 , 875

Rule = Multiply 5 **10)** Find the rule the pattern is using.

55 , 48 , 41 , 34 , 27 , 20 , 13 , 6

Rule = Subtract 7 **11)** Find the rule the pattern is using.

729 , 243 , 81 , 27 , 9

Rule = Divide 3 **12)** Find the rule the pattern is using.

7 , 35 , 175 , 875 , 4375

Rule = Multiply 5 **13)** Find the rule the pattern is using.

49 , 43 , 37 , 31 , 25 , 19 , 13 , 7

Rule = Subtract 6 **14)** Find the rule the pattern is using.

33 , 29 , 25 , 21 , 17 , 13 , 9 , 5

Rule = Subtract 4 **15)** Find the rule the pattern is using.

8 , 32 , 128 , 512

Rule = Multiply 4 **Answers**Ex. Add 6 1. Add 6 2. Divide 2 3. Divide 4 4. Add 2 5. Divide 3 6. Multiply 5 7. Add 7 8. Subtract 10 9. Multiply 5 10. Subtract 7 11. Divide 3 12. Multiply 5 13. Subtract 6 14. Subtract 4 15. Multiply 4

**Find the rule the pattern is using.****Answers****Ex)** Find the rule the pattern is using.

2 , 9 , 16 , 23 , 30 , 37

Rule = Add 7 Ex. Add 7 **1)** Find the rule the pattern is using.

8 , 16 , 32 , 64 , 128

Rule = _____

1. _____

2) Find the rule the pattern is using.

49 , 41 , 33 , 25 , 17 , 9

Rule = _____

2. _____

3) Find the rule the pattern is using.

135 , 45 , 15 , 5

Rule = _____

3. _____

4) Find the rule the pattern is using.

5 , 20 , 80 , 320 , 1280

Rule = _____

4. _____

5) Find the rule the pattern is using.

3 , 6 , 12 , 24

Rule = _____

5. _____

6) Find the rule the pattern is using.

5 , 15 , 25 , 35 , 45 , 55 , 65 , 75

Rule = _____

6. _____

7) Find the rule the pattern is using.

33 , 25 , 17 , 9 , 1

Rule = _____

7. _____

8) Find the rule the pattern is using.

6 , 12 , 24 , 48

Rule = _____

8. _____

9) Find the rule the pattern is using.

38 , 29 , 20 , 11 , 2

Rule = _____

9. _____

10) Find the rule the pattern is using.

1 , 10 , 19 , 28 , 37 , 46 , 55

Rule = _____

10. _____

11) Find the rule the pattern is using.

5 , 9 , 13 , 17 , 21 , 25

Rule = _____

11. _____

12) Find the rule the pattern is using.

405 , 135 , 45 , 15 , 5

Rule = _____

12. _____

13) Find the rule the pattern is using.

27 , 24 , 21 , 18 , 15 , 12 , 9 , 6

Rule = _____

13. _____

14) Find the rule the pattern is using.

729 , 243 , 81 , 27 , 9

Rule = _____

14. _____

15) Find the rule the pattern is using.

64 , 32 , 16 , 8

Rule = _____

15. _____

**Find the rule the pattern is using.****Ex)** Find the rule the pattern is using.

2, 9, 16, 23, 30, 37

Rule = Add 7Ex. Add 7**1)** Find the rule the pattern is using.

8, 16, 32, 64, 128

Rule = Multiply 21. Multiply 2**2)** Find the rule the pattern is using.

49, 41, 33, 25, 17, 9

Rule = Subtract 82. Subtract 8**3)** Find the rule the pattern is using.

135, 45, 15, 5

Rule = Divide 33. Divide 3**4)** Find the rule the pattern is using.

5, 20, 80, 320, 1280

Rule = Multiply 44. Multiply 4**5)** Find the rule the pattern is using.

3, 6, 12, 24

Rule = Multiply 25. Multiply 2**6)** Find the rule the pattern is using.

5, 15, 25, 35, 45, 55, 65, 75

Rule = Add 106. Add 10**7)** Find the rule the pattern is using.

33, 25, 17, 9, 1

Rule = Subtract 87. Subtract 8**8)** Find the rule the pattern is using.

6, 12, 24, 48

Rule = Multiply 28. Multiply 2**9)** Find the rule the pattern is using.

38, 29, 20, 11, 2

Rule = Subtract 99. Subtract 9**10)** Find the rule the pattern is using.

1, 10, 19, 28, 37, 46, 55

Rule = Add 910. Add 9**11)** Find the rule the pattern is using.

5, 9, 13, 17, 21, 25

Rule = Add 411. Add 4**12)** Find the rule the pattern is using.

405, 135, 45, 15, 5

Rule = Divide 312. Divide 3**13)** Find the rule the pattern is using.

27, 24, 21, 18, 15, 12, 9, 6

Rule = Subtract 313. Subtract 3**14)** Find the rule the pattern is using.

729, 243, 81, 27, 9

Rule = Divide 314. Divide 3**15)** Find the rule the pattern is using.

64, 32, 16, 8

Rule = Divide 215. Divide 2

**Find the rule the pattern is using.****Answers****Ex)** Find the rule the pattern is using.

1024 , 256 , 64 , 16 , 4

Rule = Divide 4Ex. Divide 4**1)** Find the rule the pattern is using.

62 , 52 , 42 , 32 , 22 , 12 , 2

Rule = _____

1. _____

2) Find the rule the pattern is using.

3 , 7 , 11 , 15 , 19

Rule = _____

2. _____

3) Find the rule the pattern is using.

5 , 12 , 19 , 26 , 33 , 40 , 47

Rule = _____

3. _____

4) Find the rule the pattern is using.

9 , 16 , 23 , 30 , 37 , 44 , 51

Rule = _____

4. _____

5) Find the rule the pattern is using.

8 , 12 , 16 , 20 , 24

Rule = _____

5. _____

6) Find the rule the pattern is using.

38 , 29 , 20 , 11 , 2

Rule = _____

6. _____

7) Find the rule the pattern is using.

162 , 54 , 18 , 6

Rule = _____

7. _____

8) Find the rule the pattern is using.

2 , 10 , 50 , 250 , 1250

Rule = _____

8. _____

9) Find the rule the pattern is using.

9 , 36 , 144 , 576

Rule = _____

9. _____

10) Find the rule the pattern is using.

30 , 26 , 22 , 18 , 14 , 10

Rule = _____

10. _____

11) Find the rule the pattern is using.

64 , 32 , 16 , 8 , 4

Rule = _____

11. _____

12) Find the rule the pattern is using.

2 , 4 , 8 , 16 , 32

Rule = _____

12. _____

13) Find the rule the pattern is using.

512 , 128 , 32 , 8

Rule = _____

13. _____

14) Find the rule the pattern is using.

59 , 50 , 41 , 32 , 23 , 14 , 5

Rule = _____

14. _____

15) Find the rule the pattern is using.

5 , 20 , 80 , 320

Rule = _____

15. _____

**Find the rule the pattern is using.****Ex)** Find the rule the pattern is using.

1024 , 256 , 64 , 16 , 4

Rule = Divide 4**1)** Find the rule the pattern is using.

62 , 52 , 42 , 32 , 22 , 12 , 2

Rule = Subtract 10**2)** Find the rule the pattern is using.

3 , 7 , 11 , 15 , 19

Rule = Add 4**3)** Find the rule the pattern is using.

5 , 12 , 19 , 26 , 33 , 40 , 47

Rule = Add 7**4)** Find the rule the pattern is using.

9 , 16 , 23 , 30 , 37 , 44 , 51

Rule = Add 7**5)** Find the rule the pattern is using.

8 , 12 , 16 , 20 , 24

Rule = Add 4**6)** Find the rule the pattern is using.

38 , 29 , 20 , 11 , 2

Rule = Subtract 9**7)** Find the rule the pattern is using.

162 , 54 , 18 , 6

Rule = Divide 3**8)** Find the rule the pattern is using.

2 , 10 , 50 , 250 , 1250

Rule = Multiply 5**9)** Find the rule the pattern is using.

9 , 36 , 144 , 576

Rule = Multiply 4**10)** Find the rule the pattern is using.

30 , 26 , 22 , 18 , 14 , 10

Rule = Subtract 4**11)** Find the rule the pattern is using.

64 , 32 , 16 , 8 , 4

Rule = Divide 2**12)** Find the rule the pattern is using.

2 , 4 , 8 , 16 , 32

Rule = Multiply 2**13)** Find the rule the pattern is using.

512 , 128 , 32 , 8

Rule = Divide 4**14)** Find the rule the pattern is using.

59 , 50 , 41 , 32 , 23 , 14 , 5

Rule = Subtract 9**15)** Find the rule the pattern is using.

5 , 20 , 80 , 320

Rule = Multiply 4**Answers**Ex. Divide 41. Subtract 102. Add 43. Add 74. Add 75. Add 46. Subtract 97. Divide 38. Multiply 59. Multiply 410. Subtract 411. Divide 212. Multiply 213. Divide 414. Subtract 915. Multiply 4

**Find the rule the pattern is using.****Answers****Ex)** Find the rule the pattern is using.

8 , 24 , 72 , 216 , 648

Rule = Multiply 3Ex. Multiply 3**1)** Find the rule the pattern is using.

4 , 6 , 8 , 10 , 12 , 14 , 16 , 18

Rule = _____

1. _____

2) Find the rule the pattern is using.

162 , 54 , 18 , 6

Rule = _____

2. _____

3) Find the rule the pattern is using.

108 , 36 , 12 , 4

Rule = _____

3. _____

4) Find the rule the pattern is using.

2304 , 576 , 144 , 36 , 9

Rule = _____

4. _____

5) Find the rule the pattern is using.

21 , 17 , 13 , 9 , 5 , 1

Rule = _____

5. _____

6) Find the rule the pattern is using.

58 , 48 , 38 , 28 , 18 , 8

Rule = _____

6. _____

7) Find the rule the pattern is using.

1280 , 320 , 80 , 20 , 5

Rule = _____

7. _____

8) Find the rule the pattern is using.

2 , 12 , 22 , 32 , 42 , 52 , 62

Rule = _____

8. _____

9) Find the rule the pattern is using.

5 , 15 , 45 , 135 , 405

Rule = _____

9. _____

10) Find the rule the pattern is using.

5 , 11 , 17 , 23 , 29 , 35 , 41

Rule = _____

10. _____

11) Find the rule the pattern is using.

40 , 35 , 30 , 25 , 20 , 15 , 10

Rule = _____

11. _____

12) Find the rule the pattern is using.

3 , 12 , 21 , 30 , 39

Rule = _____

12. _____

13) Find the rule the pattern is using.

77 , 67 , 57 , 47 , 37 , 27 , 17 , 7

Rule = _____

13. _____

14) Find the rule the pattern is using.

4 , 16 , 64 , 256

Rule = _____

14. _____

15) Find the rule the pattern is using.

2 , 10 , 50 , 250 , 1250

Rule = _____

15. _____

**Find the rule the pattern is using.****Ex)** Find the rule the pattern is using.

8 , 24 , 72 , 216 , 648

Rule = Multiply 3Ex. Multiply 3**1)** Find the rule the pattern is using.

4 , 6 , 8 , 10 , 12 , 14 , 16 , 18

Rule = Add 21. Add 2**2)** Find the rule the pattern is using.

162 , 54 , 18 , 6

Rule = Divide 32. Divide 3**3)** Find the rule the pattern is using.

108 , 36 , 12 , 4

Rule = Divide 33. Divide 3**4)** Find the rule the pattern is using.

2304 , 576 , 144 , 36 , 9

Rule = Divide 44. Divide 4**5)** Find the rule the pattern is using.

21 , 17 , 13 , 9 , 5 , 1

Rule = Subtract 45. Subtract 4**6)** Find the rule the pattern is using.

58 , 48 , 38 , 28 , 18 , 8

Rule = Subtract 106. Subtract 10**7)** Find the rule the pattern is using.

1280 , 320 , 80 , 20 , 5

Rule = Divide 47. Divide 4**8)** Find the rule the pattern is using.

2 , 12 , 22 , 32 , 42 , 52 , 62

Rule = Add 108. Add 10**9)** Find the rule the pattern is using.

5 , 15 , 45 , 135 , 405

Rule = Multiply 39. Multiply 3**10)** Find the rule the pattern is using.

5 , 11 , 17 , 23 , 29 , 35 , 41

Rule = Add 610. Add 6**11)** Find the rule the pattern is using.

40 , 35 , 30 , 25 , 20 , 15 , 10

Rule = Subtract 511. Subtract 5**12)** Find the rule the pattern is using.

3 , 12 , 21 , 30 , 39

Rule = Add 912. Add 9**13)** Find the rule the pattern is using.

77 , 67 , 57 , 47 , 37 , 27 , 17 , 7

Rule = Subtract 1013. Subtract 10**14)** Find the rule the pattern is using.

4 , 16 , 64 , 256

Rule = Multiply 414. Multiply 4**15)** Find the rule the pattern is using.

2 , 10 , 50 , 250 , 1250

Rule = Multiply 515. Multiply 5**Answers**

**Find the rule the pattern is using.****Answers****Ex)** Find the rule the pattern is using.

192 , 48 , 12 , 3

Rule = Divide 4Ex. Divide 4**1)** Find the rule the pattern is using.

9 , 18 , 27 , 36 , 45

Rule = _____

1. _____

2) Find the rule the pattern is using.

39 , 34 , 29 , 24 , 19 , 14 , 9 , 4

Rule = _____

2. _____

3) Find the rule the pattern is using.

17 , 15 , 13 , 11 , 9 , 7

Rule = _____

3. _____

4) Find the rule the pattern is using.

8 , 24 , 72 , 216

Rule = _____

4. _____

5) Find the rule the pattern is using.

1 , 11 , 21 , 31 , 41 , 51 , 61 , 71

Rule = _____

5. _____

6) Find the rule the pattern is using.

6 , 18 , 54 , 162

Rule = _____

6. _____

7) Find the rule the pattern is using.

49 , 40 , 31 , 22 , 13 , 4

Rule = _____

7. _____

8) Find the rule the pattern is using.

9 , 45 , 225 , 1125

Rule = _____

8. _____

9) Find the rule the pattern is using.

512 , 128 , 32 , 8

Rule = _____

9. _____

10) Find the rule the pattern is using.

96 , 48 , 24 , 12 , 6

Rule = _____

10. _____

11) Find the rule the pattern is using.

54 , 18 , 6 , 2

Rule = _____

11. _____

12) Find the rule the pattern is using.

4 , 12 , 20 , 28 , 36 , 44 , 52

Rule = _____

12. _____

13) Find the rule the pattern is using.

1 , 3 , 5 , 7 , 9 , 11

Rule = _____

13. _____

14) Find the rule the pattern is using.

6 , 30 , 150 , 750

Rule = _____

14. _____

15) Find the rule the pattern is using.

20 , 17 , 14 , 11 , 8 , 5

Rule = _____

15. _____

**Find the rule the pattern is using.****Ex)** Find the rule the pattern is using.

192 , 48 , 12 , 3

Rule = Divide 4Ex. Divide 4**1)** Find the rule the pattern is using.

9 , 18 , 27 , 36 , 45

Rule = Add 91. Add 9**2)** Find the rule the pattern is using.

39 , 34 , 29 , 24 , 19 , 14 , 9 , 4

Rule = Subtract 52. Subtract 5**3)** Find the rule the pattern is using.

17 , 15 , 13 , 11 , 9 , 7

Rule = Subtract 23. Subtract 2**4)** Find the rule the pattern is using.

8 , 24 , 72 , 216

Rule = Multiply 34. Multiply 3**5)** Find the rule the pattern is using.

1 , 11 , 21 , 31 , 41 , 51 , 61 , 71

Rule = Add 105. Add 10**6)** Find the rule the pattern is using.

6 , 18 , 54 , 162

Rule = Multiply 36. Multiply 3**7)** Find the rule the pattern is using.

49 , 40 , 31 , 22 , 13 , 4

Rule = Subtract 97. Subtract 9**8)** Find the rule the pattern is using.

9 , 45 , 225 , 1125

Rule = Multiply 58. Multiply 5**9)** Find the rule the pattern is using.

512 , 128 , 32 , 8

Rule = Divide 49. Divide 4**10)** Find the rule the pattern is using.

96 , 48 , 24 , 12 , 6

Rule = Divide 210. Divide 2**11)** Find the rule the pattern is using.

54 , 18 , 6 , 2

Rule = Divide 311. Divide 3**12)** Find the rule the pattern is using.

4 , 12 , 20 , 28 , 36 , 44 , 52

Rule = Add 812. Add 8**13)** Find the rule the pattern is using.

1 , 3 , 5 , 7 , 9 , 11

Rule = Add 213. Add 2**14)** Find the rule the pattern is using.

6 , 30 , 150 , 750

Rule = Multiply 514. Multiply 5**15)** Find the rule the pattern is using.

20 , 17 , 14 , 11 , 8 , 5

Rule = Subtract 315. Subtract 3**Answers**