



Find the next number in the pattern.

Ex) 5625 , 1125 , 225 , 45 , 9 Rule: Divide 5

1) 8 , 40 , 200 , \_\_\_\_\_

2) 2 , 6 , 10 , 14 , 18 , \_\_\_\_\_

3) 40 , 20 , 10 , \_\_\_\_\_

4) 47 , 37 , 27 , 17 , \_\_\_\_\_

5) 26 , 22 , 18 , 14 , \_\_\_\_\_

6) 45 , 39 , 33 , 27 , 21 , 15 , \_\_\_\_\_

7) 486 , 162 , 54 , 18 , \_\_\_\_\_

8) 6 , 14 , 22 , 30 , 38 , 46 , 54 , \_\_\_\_\_

9) 500 , 100 , 20 , \_\_\_\_\_

10) 4 , 20 , 100 , \_\_\_\_\_

11) 9 , 45 , 225 , \_\_\_\_\_

12) 1 , 4 , 7 , 10 , 13 , 16 , \_\_\_\_\_

13) 52 , 44 , 36 , 28 , 20 , 12 , \_\_\_\_\_

14) 7 , 28 , 112 , \_\_\_\_\_

15) 5 , 8 , 11 , 14 , 17 , 20 , 23 , \_\_\_\_\_

**Answers**

Ex. 9

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



Find the next number in the pattern.

- Ex) 5625 , 1125 , 225 , 45 , 9 Rule: Divide 5
- 1) 8 , 40 , 200 , 1,000 Rule: Multiply 5
- 2) 2 , 6 , 10 , 14 , 18 , 22 Rule: Add 4
- 3) 40 , 20 , 10 , 5 Rule: Divide 2
- 4) 47 , 37 , 27 , 17 , 7 Rule: Subtract 10
- 5) 26 , 22 , 18 , 14 , 10 Rule: Subtract 4
- 6) 45 , 39 , 33 , 27 , 21 , 15 , 9 Rule: Subtract 6
- 7) 486 , 162 , 54 , 18 , 6 Rule: Divide 3
- 8) 6 , 14 , 22 , 30 , 38 , 46 , 54 , 62 Rule: Add 8
- 9) 500 , 100 , 20 , 4 Rule: Divide 5
- 10) 4 , 20 , 100 , 500 Rule: Multiply 5
- 11) 9 , 45 , 225 , 1,125 Rule: Multiply 5
- 12) 1 , 4 , 7 , 10 , 13 , 16 , 19 Rule: Add 3
- 13) 52 , 44 , 36 , 28 , 20 , 12 , 4 Rule: Subtract 8
- 14) 7 , 28 , 112 , 448 Rule: Multiply 4
- 15) 5 , 8 , 11 , 14 , 17 , 20 , 23 , 26 Rule: Add 3

Answers

- Ex. 9
1. 1,000
2. 22
3. 5
4. 7
5. 10
6. 9
7. 6
8. 62
9. 4
10. 500
11. 1,125
12. 19
13. 4
14. 448
15. 26



Find the next number in the pattern.

Ex) 2304 , 576 , 144 , 36 , 9 Rule: Divide 4

1) 4 , 16 , 64 , \_\_\_\_\_

2) 6 , 9 , 12 , 15 , 18 , 21 , \_\_\_\_\_

3) 324 , 108 , 36 , 12 , \_\_\_\_\_

4) 6 , 9 , 12 , 15 , \_\_\_\_\_

5) 8 , 40 , 200 , 1000 , \_\_\_\_\_

6) 27 , 21 , 15 , 9 , \_\_\_\_\_

7) 63 , 55 , 47 , 39 , 31 , 23 , 15 , \_\_\_\_\_

8) 135 , 45 , 15 , \_\_\_\_\_

9) 54 , 45 , 36 , 27 , 18 , \_\_\_\_\_

10) 4 , 8 , 12 , 16 , 20 , \_\_\_\_\_

11) 80 , 40 , 20 , 10 , \_\_\_\_\_

12) 8 , 18 , 28 , 38 , 48 , 58 , 68 , \_\_\_\_\_

13) 26 , 23 , 20 , 17 , 14 , 11 , 8 , \_\_\_\_\_

14) 5 , 25 , 125 , \_\_\_\_\_

15) 7 , 21 , 63 , \_\_\_\_\_

**Answers**

Ex. 9

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



Find the next number in the pattern.

Ex) 2304 , 576 , 144 , 36 , 9 Rule: Divide 4

1) 4 , 16 , 64 , 256 Rule: Multiply 4

2) 6 , 9 , 12 , 15 , 18 , 21 , 24 Rule: Add 3

3) 324 , 108 , 36 , 12 , 4 Rule: Divide 3

4) 6 , 9 , 12 , 15 , 18 Rule: Add 3

5) 8 , 40 , 200 , 1000 , 5,000 Rule: Multiply 5

6) 27 , 21 , 15 , 9 , 3 Rule: Subtract 6

7) 63 , 55 , 47 , 39 , 31 , 23 , 15 , 7 Rule: Subtract 8

8) 135 , 45 , 15 , 5 Rule: Divide 3

9) 54 , 45 , 36 , 27 , 18 , 9 Rule: Subtract 9

10) 4 , 8 , 12 , 16 , 20 , 24 Rule: Add 4

11) 80 , 40 , 20 , 10 , 5 Rule: Divide 2

12) 8 , 18 , 28 , 38 , 48 , 58 , 68 , 78 Rule: Add 10

13) 26 , 23 , 20 , 17 , 14 , 11 , 8 , 5 Rule: Subtract 3

14) 5 , 25 , 125 , 625 Rule: Multiply 5

15) 7 , 21 , 63 , 189 Rule: Multiply 3

Answers

Ex. 9

1. 256

2. 24

3. 4

4. 18

5. 5,000

6. 3

7. 7

8. 5

9. 9

10. 24

11. 5

12. 78

13. 5

14. 625

15. 189



Find the next number in the pattern.

Ex) 24, 12, 6, 3 Rule: Divide 2

1) 2, 8, 14, 20, 26, 32, 38, \_\_\_\_\_

2) 32, 28, 24, 20, 16, 12, \_\_\_\_\_

3) 30, 23, 16, 9, \_\_\_\_\_

4) 2, 6, 18, \_\_\_\_\_

5) 5, 15, 25, 35, 45, 55, 65, \_\_\_\_\_

6) 5, 25, 125, 625, \_\_\_\_\_

7) 6, 12, 18, 24, \_\_\_\_\_

8) 10, 16, 22, 28, 34, \_\_\_\_\_

9) 41, 33, 25, 17, 9, \_\_\_\_\_

10) 12, 10, 8, 6, 4, \_\_\_\_\_

11) 625, 125, 25, \_\_\_\_\_

12) 4, 12, 36, \_\_\_\_\_

13) 9, 45, 225, 1125, \_\_\_\_\_

14) 108, 36, 12, \_\_\_\_\_

15) 3750, 750, 150, 30, \_\_\_\_\_

**Answers**

Ex. 3

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



Find the next number in the pattern.

- Ex) 24 , 12 , 6 , 3 Rule: Divide 2
- 1) 2 , 8 , 14 , 20 , 26 , 32 , 38 , 44 Rule: Add 6
- 2) 32 , 28 , 24 , 20 , 16 , 12 , 8 Rule: Subtract 4
- 3) 30 , 23 , 16 , 9 , 2 Rule: Subtract 7
- 4) 2 , 6 , 18 , 54 Rule: Multiply 3
- 5) 5 , 15 , 25 , 35 , 45 , 55 , 65 , 75 Rule: Add 10
- 6) 5 , 25 , 125 , 625 , 3,125 Rule: Multiply 5
- 7) 6 , 12 , 18 , 24 , 30 Rule: Add 6
- 8) 10 , 16 , 22 , 28 , 34 , 40 Rule: Add 6
- 9) 41 , 33 , 25 , 17 , 9 , 1 Rule: Subtract 8
- 10) 12 , 10 , 8 , 6 , 4 , 2 Rule: Subtract 2
- 11) 625 , 125 , 25 , 5 Rule: Divide 5
- 12) 4 , 12 , 36 , 108 Rule: Multiply 3
- 13) 9 , 45 , 225 , 1125 , 5,625 Rule: Multiply 5
- 14) 108 , 36 , 12 , 4 Rule: Divide 3
- 15) 3750 , 750 , 150 , 30 , 6 Rule: Divide 5

Answers

- Ex. 3
1. 44
2. 8
3. 2
4. 54
5. 75
6. 3,125
7. 30
8. 40
9. 1
10. 2
11. 5
12. 108
13. 5,625
14. 4
15. 6



Find the next number in the pattern.

Ex) 6, 30, 150, 750, 3,750 Rule: Multiply 5

**Answers**

Ex. 3,750

1) 8, 17, 26, 35, \_\_\_\_\_

1. \_\_\_\_\_

2) 144, 72, 36, 18, \_\_\_\_\_

2. \_\_\_\_\_

3) 2, 6, 10, 14, 18, \_\_\_\_\_

3. \_\_\_\_\_

4) 162, 54, 18, \_\_\_\_\_

4. \_\_\_\_\_

5) 486, 162, 54, 18, \_\_\_\_\_

5. \_\_\_\_\_

6) 45, 37, 29, 21, 13, \_\_\_\_\_

6. \_\_\_\_\_

7) 9, 45, 225, 1125, \_\_\_\_\_

7. \_\_\_\_\_

8) 45, 35, 25, 15, \_\_\_\_\_

8. \_\_\_\_\_

9) 6, 12, 24, 48, \_\_\_\_\_

9. \_\_\_\_\_

10) 4, 8, 16, 32, \_\_\_\_\_

10. \_\_\_\_\_

11) 10, 18, 26, 34, 42, 50, \_\_\_\_\_

11. \_\_\_\_\_

12) 135, 45, 15, \_\_\_\_\_

12. \_\_\_\_\_

13) 6, 9, 12, 15, 18, 21, \_\_\_\_\_

13. \_\_\_\_\_

14) 25, 20, 15, 10, \_\_\_\_\_

14. \_\_\_\_\_

15) 36, 32, 28, 24, 20, 16, 12, \_\_\_\_\_

15. \_\_\_\_\_



Find the next number in the pattern.

Ex) 6, 30, 150, 750, 3,750 Rule: Multiply 5

1) 8, 17, 26, 35, 44 Rule: Add 9

2) 144, 72, 36, 18, 9 Rule: Divide 2

3) 2, 6, 10, 14, 18, 22 Rule: Add 4

4) 162, 54, 18, 6 Rule: Divide 3

5) 486, 162, 54, 18, 6 Rule: Divide 3

6) 45, 37, 29, 21, 13, 5 Rule: Subtract 8

7) 9, 45, 225, 1125, 5,625 Rule: Multiply 5

8) 45, 35, 25, 15, 5 Rule: Subtract 10

9) 6, 12, 24, 48, 96 Rule: Multiply 2

10) 4, 8, 16, 32, 64 Rule: Multiply 2

11) 10, 18, 26, 34, 42, 50, 58 Rule: Add 8

12) 135, 45, 15, 5 Rule: Divide 3

13) 6, 9, 12, 15, 18, 21, 24 Rule: Add 3

14) 25, 20, 15, 10, 5 Rule: Subtract 5

15) 36, 32, 28, 24, 20, 16, 12, 8 Rule: Subtract 4

Answers

Ex. 3,750

1. 44

2. 9

3. 22

4. 6

5. 6

6. 5

7. 5,625

8. 5

9. 96

10. 64

11. 58

12. 5

13. 24

14. 5

15. 8





Find the next number in the pattern.

Ex) 2, 10, 50, 250 Rule: Multiply 5

1) 500, 100, 20, \_\_\_\_\_

2) 2, 8, 14, 20, 26, 32, 38, \_\_\_\_\_

3) 2, 6, 18, \_\_\_\_\_

4) 40, 20, 10, \_\_\_\_\_

5) 45, 37, 29, 21, 13, \_\_\_\_\_

6) 320, 80, 20, \_\_\_\_\_

7) 26, 22, 18, 14, \_\_\_\_\_

8) 60, 51, 42, 33, 24, 15, \_\_\_\_\_

9) 5000, 1000, 200, 40, \_\_\_\_\_

10) 10, 14, 18, 22, \_\_\_\_\_

11) 18, 16, 14, 12, 10, \_\_\_\_\_

12) 1, 11, 21, 31, \_\_\_\_\_

13) 7, 35, 175, \_\_\_\_\_

14) 3, 6, 9, 12, \_\_\_\_\_

15) 5, 20, 80, \_\_\_\_\_

**Answers**

Ex. 250

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



Find the next number in the pattern.

- Ex) 2, 10, 50, 250 Rule: Multiply 5
- 1) 500, 100, 20, 4 Rule: Divide 5
- 2) 2, 8, 14, 20, 26, 32, 38, 44 Rule: Add 6
- 3) 2, 6, 18, 54 Rule: Multiply 3
- 4) 40, 20, 10, 5 Rule: Divide 2
- 5) 45, 37, 29, 21, 13, 5 Rule: Subtract 8
- 6) 320, 80, 20, 5 Rule: Divide 4
- 7) 26, 22, 18, 14, 10 Rule: Subtract 4
- 8) 60, 51, 42, 33, 24, 15, 6 Rule: Subtract 9
- 9) 5000, 1000, 200, 40, 8 Rule: Divide 5
- 10) 10, 14, 18, 22, 26 Rule: Add 4
- 11) 18, 16, 14, 12, 10, 8 Rule: Subtract 2
- 12) 1, 11, 21, 31, 41 Rule: Add 10
- 13) 7, 35, 175, 875 Rule: Multiply 5
- 14) 3, 6, 9, 12, 15 Rule: Add 3
- 15) 5, 20, 80, 320 Rule: Multiply 4

Answers

- Ex. 250
1. 4
2. 44
3. 54
4. 5
5. 5
6. 5
7. 10
8. 6
9. 8
10. 26
11. 8
12. 41
13. 875
14. 15
15. 320



Find the next number in the pattern.

Ex) 10 , 16 , 22 , 28 , 34 , 40 Rule: Add 6

1) 2 , 6 , 18 , \_\_\_\_\_

2) 4 , 14 , 24 , 34 , 44 , \_\_\_\_\_

3) 5 , 20 , 80 , 320 , \_\_\_\_\_

4) 22 , 20 , 18 , 16 , 14 , 12 , \_\_\_\_\_

5) 39 , 33 , 27 , 21 , 15 , \_\_\_\_\_

6) 6 , 14 , 22 , 30 , 38 , 46 , \_\_\_\_\_

7) 53 , 45 , 37 , 29 , 21 , 13 , \_\_\_\_\_

8) 2304 , 576 , 144 , 36 , \_\_\_\_\_

9) 49 , 40 , 31 , 22 , 13 , \_\_\_\_\_

10) 6 , 9 , 12 , 15 , 18 , \_\_\_\_\_

11) 5 , 25 , 125 , 625 , \_\_\_\_\_

12) 7 , 28 , 112 , 448 , \_\_\_\_\_

13) 128 , 32 , 8 , \_\_\_\_\_

14) 128 , 64 , 32 , 16 , \_\_\_\_\_

15) 56 , 28 , 14 , \_\_\_\_\_

**Answers**

Ex. 40

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



Find the next number in the pattern.

Ex) 10, 16, 22, 28, 34, 40 Rule: Add 6

1) 2, 6, 18, 54 Rule: Multiply 3

2) 4, 14, 24, 34, 44, 54 Rule: Add 10

3) 5, 20, 80, 320, 1,280 Rule: Multiply 4

4) 22, 20, 18, 16, 14, 12, 10 Rule: Subtract 2

5) 39, 33, 27, 21, 15, 9 Rule: Subtract 6

6) 6, 14, 22, 30, 38, 46, 54 Rule: Add 8

7) 53, 45, 37, 29, 21, 13, 5 Rule: Subtract 8

8) 2304, 576, 144, 36, 9 Rule: Divide 4

9) 49, 40, 31, 22, 13, 4 Rule: Subtract 9

10) 6, 9, 12, 15, 18, 21 Rule: Add 3

11) 5, 25, 125, 625, 3,125 Rule: Multiply 5

12) 7, 28, 112, 448, 1,792 Rule: Multiply 4

13) 128, 32, 8, 2 Rule: Divide 4

14) 128, 64, 32, 16, 8 Rule: Divide 2

15) 56, 28, 14, 7 Rule: Divide 2

Answers

Ex. 40

1. 54

2. 54

3. 1,280

4. 10

5. 9

6. 54

7. 5

8. 9

9. 4

10. 21

11. 3,125

12. 1,792

13. 2

14. 8

15. 7



Find the next number in the pattern.

Ex) 324 , 108 , 36 , 12 , 4 Rule: Divide 3

1) 8 , 32 , 128 , \_\_\_\_\_

2) 67 , 58 , 49 , 40 , 31 , 22 , 13 , \_\_\_\_\_

3) 2 , 6 , 10 , 14 , 18 , 22 , 26 , \_\_\_\_\_

4) 5 , 15 , 25 , 35 , 45 , \_\_\_\_\_

5) 6 , 18 , 54 , \_\_\_\_\_

6) 8 , 12 , 16 , 20 , 24 , 28 , \_\_\_\_\_

7) 55 , 45 , 35 , 25 , 15 , \_\_\_\_\_

8) 53 , 43 , 33 , 23 , 13 , \_\_\_\_\_

9) 6 , 12 , 24 , 48 , \_\_\_\_\_

10) 384 , 96 , 24 , \_\_\_\_\_

11) 16 , 8 , 4 , \_\_\_\_\_

12) 1 , 9 , 17 , 25 , \_\_\_\_\_

13) 49 , 41 , 33 , 25 , 17 , 9 , \_\_\_\_\_

14) 320 , 80 , 20 , \_\_\_\_\_

15) 7 , 14 , 28 , \_\_\_\_\_

**Answers**

Ex. 4

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



Find the next number in the pattern.

Ex) 324 , 108 , 36 , 12 , 4 Rule: Divide 3

1) 8 , 32 , 128 , 512 Rule: Multiply 4

2) 67 , 58 , 49 , 40 , 31 , 22 , 13 , 4 Rule: Subtract 9

3) 2 , 6 , 10 , 14 , 18 , 22 , 26 , 30 Rule: Add 4

4) 5 , 15 , 25 , 35 , 45 , 55 Rule: Add 10

5) 6 , 18 , 54 , 162 Rule: Multiply 3

6) 8 , 12 , 16 , 20 , 24 , 28 , 32 Rule: Add 4

7) 55 , 45 , 35 , 25 , 15 , 5 Rule: Subtract 10

8) 53 , 43 , 33 , 23 , 13 , 3 Rule: Subtract 10

9) 6 , 12 , 24 , 48 , 96 Rule: Multiply 2

10) 384 , 96 , 24 , 6 Rule: Divide 4

11) 16 , 8 , 4 , 2 Rule: Divide 2

12) 1 , 9 , 17 , 25 , 33 Rule: Add 8

13) 49 , 41 , 33 , 25 , 17 , 9 , 1 Rule: Subtract 8

14) 320 , 80 , 20 , 5 Rule: Divide 4

15) 7 , 14 , 28 , 56 Rule: Multiply 2

Answers

Ex. 4

1. 512

2. 4

3. 30

4. 55

5. 162

6. 32

7. 5

8. 3

9. 96

10. 6

11. 2

12. 33

13. 1

14. 5

15. 56



Find the next number in the pattern.

Ex) 4, 16, 64, 256, 1,024 Rule: Multiply 4

**Answers**

Ex. 1,024

1) 2, 10, 50, 250, \_\_\_\_\_

1. \_\_\_\_\_

2) 5, 7, 9, 11, 13, \_\_\_\_\_

2. \_\_\_\_\_

3) 108, 36, 12, \_\_\_\_\_

3. \_\_\_\_\_

4) 1024, 256, 64, 16, \_\_\_\_\_

4. \_\_\_\_\_

5) 9, 18, 36, 72, \_\_\_\_\_

5. \_\_\_\_\_

6) 43, 36, 29, 22, 15, \_\_\_\_\_

6. \_\_\_\_\_

7) 48, 42, 36, 30, 24, 18, 12, \_\_\_\_\_

7. \_\_\_\_\_

8) 384, 96, 24, \_\_\_\_\_

8. \_\_\_\_\_

9) 2, 10, 50, \_\_\_\_\_

9. \_\_\_\_\_

10) 4, 11, 18, 25, 32, \_\_\_\_\_

10. \_\_\_\_\_

11) 6, 15, 24, 33, 42, 51, \_\_\_\_\_

11. \_\_\_\_\_

12) 44, 35, 26, 17, \_\_\_\_\_

12. \_\_\_\_\_

13) 9, 11, 13, 15, 17, 19, \_\_\_\_\_

13. \_\_\_\_\_

14) 81, 27, 9, \_\_\_\_\_

14. \_\_\_\_\_

15) 27, 23, 19, 15, 11, \_\_\_\_\_

15. \_\_\_\_\_



Find the next number in the pattern.

Ex) 4, 16, 64, 256, 1,024 Rule: Multiply 4

1) 2, 10, 50, 250, 1,250 Rule: Multiply 5

2) 5, 7, 9, 11, 13, 15 Rule: Add 2

3) 108, 36, 12, 4 Rule: Divide 3

4) 1024, 256, 64, 16, 4 Rule: Divide 4

5) 9, 18, 36, 72, 144 Rule: Multiply 2

6) 43, 36, 29, 22, 15, 8 Rule: Subtract 7

7) 48, 42, 36, 30, 24, 18, 12, 6 Rule: Subtract 6

8) 384, 96, 24, 6 Rule: Divide 4

9) 2, 10, 50, 250 Rule: Multiply 5

10) 4, 11, 18, 25, 32, 39 Rule: Add 7

11) 6, 15, 24, 33, 42, 51, 60 Rule: Add 9

12) 44, 35, 26, 17, 8 Rule: Subtract 9

13) 9, 11, 13, 15, 17, 19, 21 Rule: Add 2

14) 81, 27, 9, 3 Rule: Divide 3

15) 27, 23, 19, 15, 11, 7 Rule: Subtract 4

Answers

Ex. 1,024

1. 1,250

2. 15

3. 4

4. 4

5. 144

6. 8

7. 6

8. 6

9. 250

10. 39

11. 60

12. 8

13. 21

14. 3

15. 7





Find the next number in the pattern.

Ex) 25 , 22 , 19 , 16 , 13 , 10 Rule: Subtract 3

1) 162 , 54 , 18 , \_\_\_\_\_

2) 7 , 35 , 175 , \_\_\_\_\_

3) 12 , 10 , 8 , 6 , 4 , \_\_\_\_\_

4) 72 , 36 , 18 , \_\_\_\_\_

5) 192 , 48 , 12 , \_\_\_\_\_

6) 189 , 63 , 21 , \_\_\_\_\_

7) 9 , 45 , 225 , \_\_\_\_\_

8) 3 , 11 , 19 , 27 , 35 , 43 , 51 , \_\_\_\_\_

9) 7 , 28 , 112 , 448 , \_\_\_\_\_

10) 8 , 17 , 26 , 35 , \_\_\_\_\_

11) 4 , 16 , 64 , \_\_\_\_\_

12) 6 , 16 , 26 , 36 , 46 , 56 , 66 , \_\_\_\_\_

13) 39 , 34 , 29 , 24 , 19 , 14 , 9 , \_\_\_\_\_

14) 33 , 28 , 23 , 18 , 13 , \_\_\_\_\_

15) 6 , 14 , 22 , 30 , \_\_\_\_\_

**Answers**

Ex. 10

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



Find the next number in the pattern.

- Ex) 25 , 22 , 19 , 16 , 13 , 10 Rule: Subtract 3
- 1) 162 , 54 , 18 , 6 Rule: Divide 3
- 2) 7 , 35 , 175 , 875 Rule: Multiply 5
- 3) 12 , 10 , 8 , 6 , 4 , 2 Rule: Subtract 2
- 4) 72 , 36 , 18 , 9 Rule: Divide 2
- 5) 192 , 48 , 12 , 3 Rule: Divide 4
- 6) 189 , 63 , 21 , 7 Rule: Divide 3
- 7) 9 , 45 , 225 , 1,125 Rule: Multiply 5
- 8) 3 , 11 , 19 , 27 , 35 , 43 , 51 , 59 Rule: Add 8
- 9) 7 , 28 , 112 , 448 , 1,792 Rule: Multiply 4
- 10) 8 , 17 , 26 , 35 , 44 Rule: Add 9
- 11) 4 , 16 , 64 , 256 Rule: Multiply 4
- 12) 6 , 16 , 26 , 36 , 46 , 56 , 66 , 76 Rule: Add 10
- 13) 39 , 34 , 29 , 24 , 19 , 14 , 9 , 4 Rule: Subtract 5
- 14) 33 , 28 , 23 , 18 , 13 , 8 Rule: Subtract 5
- 15) 6 , 14 , 22 , 30 , 38 Rule: Add 8

Answers

- Ex. 10
1. 6
2. 875
3. 2
4. 9
5. 3
6. 7
7. 1,125
8. 59
9. 1,792
10. 44
11. 256
12. 76
13. 4
14. 8
15. 38



Find the next number in the pattern.

Ex) 37, 28, 19, 10, 1 Rule: Subtract 9

1) 1024, 256, 64, 16, \_\_\_\_\_

2) 9, 36, 144, 576, \_\_\_\_\_

3) 8, 32, 128, \_\_\_\_\_

4) 1, 6, 11, 16, 21, \_\_\_\_\_

5) 36, 30, 24, 18, 12, \_\_\_\_\_

6) 4, 8, 16, 32, \_\_\_\_\_

7) 1, 4, 7, 10, 13, 16, 19, \_\_\_\_\_

8) 35, 27, 19, 11, \_\_\_\_\_

9) 1875, 375, 75, 15, \_\_\_\_\_

10) 2304, 576, 144, 36, \_\_\_\_\_

11) 3, 9, 15, 21, 27, 33, 39, \_\_\_\_\_

12) 7, 35, 175, \_\_\_\_\_

13) 27, 24, 21, 18, 15, 12, 9, \_\_\_\_\_

14) 7, 9, 11, 13, 15, 17, \_\_\_\_\_

15) 40, 20, 10, \_\_\_\_\_

**Answers**

Ex. 1

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



Find the next number in the pattern.

Ex) 37, 28, 19, 10, 1 Rule: Subtract 9

1) 1024, 256, 64, 16, 4 Rule: Divide 4

2) 9, 36, 144, 576, 2,304 Rule: Multiply 4

3) 8, 32, 128, 512 Rule: Multiply 4

4) 1, 6, 11, 16, 21, 26 Rule: Add 5

5) 36, 30, 24, 18, 12, 6 Rule: Subtract 6

6) 4, 8, 16, 32, 64 Rule: Multiply 2

7) 1, 4, 7, 10, 13, 16, 19, 22 Rule: Add 3

8) 35, 27, 19, 11, 3 Rule: Subtract 8

9) 1875, 375, 75, 15, 3 Rule: Divide 5

10) 2304, 576, 144, 36, 9 Rule: Divide 4

11) 3, 9, 15, 21, 27, 33, 39, 45 Rule: Add 6

12) 7, 35, 175, 875 Rule: Multiply 5

13) 27, 24, 21, 18, 15, 12, 9, 6 Rule: Subtract 3

14) 7, 9, 11, 13, 15, 17, 19 Rule: Add 2

15) 40, 20, 10, 5 Rule: Divide 2

Answers

Ex. 1

1. 4

2. 2,304

3. 512

4. 26

5. 6

6. 64

7. 22

8. 3

9. 3

10. 9

11. 45

12. 875

13. 6

14. 19

15. 5