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Unique solved — ConstructibleNumber

Links: [problem \(problemset\)](#), [Tutorial](#), [submission \(first AC\)](#).

Sort: [Problem rating](#) · [easier first](#)

Filters: none

Count: 59

1.

2211A

[Antimedian Deletion](#) · [Tutorial](#)

Quality: 16,056 global accepts · Rating: 800 · first AC: 2026-03-28 · C++20 (GCC 13-64) (first AC) · Tags: implementation, math

[ConstructibleNumber's solution](#)
2.

2183A

[Binary Array Game](#) · [Tutorial](#)

Quality: 23,665 global accepts · Rating: 800 · first AC: 2026-01-07 · C++20 (GCC 13-64) (first AC) · Tags: games

[ConstructibleNumber's solution](#)
3.

1984A

[Strange Splitting](#) · [Tutorial](#)

Quality: 22,866 global accepts · Rating: 800 · first AC: 2024-06-09 · C++20 (GCC 13-64) (first AC) · Tags: constructive algorithms

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4.

1979A

[Guess the Maximum](#) · [Tutorial](#)

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5.

1981A

[Turtle and Piggy Are Playing a Game](#) · [Tutorial](#)

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6.

1968B

[Prefigence](#) · [Tutorial](#)

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7.

1968A

[Maximize?](#) · [Tutorial](#)

Quality: 39,454 global accepts · Rating: 800 · first AC: 2024-05-02 · C++20 (GCC 13-64) (first AC) · Tags: brute force, math, number theory

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8.

1972A

[Contest Proposal](#) · [Tutorial](#)

Quality: 25,904 global accepts · Rating: 800 · first AC: 2024-04-30 · C++20 (GCC 13-64) (first AC) · Tags: brute force, greedy, two pointers

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9.

1972B

[Coin Games](#) · [Tutorial](#)

Quality: 25,384 global accepts · Rating: 900 · first AC: 2024-04-30 · C++20 (GCC 13-64) (first AC) · Tags: games

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10.

1954A

[Painting the Ribbon](#) · [Tutorial](#)

Quality: 27,626 global accepts · Rating: 900 · first AC: 2024-04-12 · C++20 (GCC 13-64) (first AC) · Tags: constructive algorithms, greedy, math
[ConstructibleNumber's solution](#)

11.

1979B

[XOR Sequences](#) · [Tutorial](#)

Quality: 26,428 global accepts · Rating: 1000 · first AC: 2024-06-06 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, greedy
[ConstructibleNumber's solution](#)

12.

1968C

[Assembly via Remainders](#) · [Tutorial](#)

Quality: 29,262 global accepts · Rating: 1000 · first AC: 2024-05-02 · C++20 (GCC 13-64) (first AC) · Tags: constructive algorithms, number theory
[ConstructibleNumber's solution](#)

13.

2211B

[Mickey Mouse Constructive](#) · [Tutorial](#)

Quality: 19,613 global accepts · Rating: 1100 · first AC: 2026-03-28 · C++20 (GCC 13-64) (first AC) · Tags: constructive algorithms, dp, greedy, math
[ConstructibleNumber's solution](#)

14.

2183B

[Yet Another MEX Problem](#) · [Tutorial](#)

Quality: 16,171 global accepts · Rating: 1100 · first AC: 2026-01-07 · C++20 (GCC 13-64) (first AC) · Tags: constructive algorithms, greedy
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15.

1984B

[Large Addition](#) · [Tutorial](#)

Quality: 20,953 global accepts · Rating: 1100 · first AC: 2024-06-09 · C++20 (GCC 13-64) (first AC) · Tags: implementation, math
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16.

1979C

[Earning on Bets](#) · [Tutorial](#)

Quality: 22,186 global accepts · Rating: 1200 · first AC: 2024-06-06 · C++20 (GCC 13-64) (first AC) · Tags: binary search, combinatorics, constructive algorithms, number theory
[ConstructibleNumber's solution](#)

17.

1954C

[Long Multiplication](#) · [Tutorial](#)

Quality: 22,743 global accepts · Rating: 1200 · first AC: 2024-04-12 · C++20 (GCC 13-64) (first AC) · Tags: greedy, math, number theory
[ConstructibleNumber's solution](#)

18.

1954B

[Make It Ugly](#) · [Tutorial](#)

Quality: 21,512 global accepts · Rating: 1200 · first AC: 2024-04-12 · C++20 (GCC 13-64) (first AC) · Tags: implementation, math
[ConstructibleNumber's solution](#)

19.

2211C1

[Equal Multisets \(Easy Version\)](#) · [Tutorial](#)

Quality: 9,100 global accepts · Rating: 1300 · first AC: 2026-03-28 · C++20 (GCC 13-64) (first AC) · Tags: binary search, brute force, greedy, two pointers
[ConstructibleNumber's solution](#)

20.

1984C1

[Magnitude \(Easy Version\)](#) · [Tutorial](#)

Quality: 20,151 global accepts · Rating: 1300 · first AC: 2024-06-09 · C++20 (GCC 13-64) (first AC) · Tags: dp, greedy, math
[ConstructibleNumber's solution](#)

21.

1981B

[Turtle and an Infinite Sequence](#) · [Tutorial](#)

Quality: 16,429 global accepts · Rating: 1300 · first AC: 2024-05-31 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, math

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22.

1968D

[Permutation Game](#) · [Tutorial](#)

Quality: 17,425 global accepts · Rating: 1300 · first AC: 2024-05-02 · C++20 (GCC 13-64) (first AC) · Tags: brute force, dfs and similar, games, graphs, greedy, math

[ConstructibleNumber's solution](#)

23.

1972C

[Permutation Counting](#) · [Tutorial](#)

Rating: 1400 · first AC: 2024-04-30 · C++20 (GCC 13-64) (first AC) · Tags: binary search, constructive algorithms, greedy, implementation, math, sortings

[ConstructibleNumber's solution](#)

24.

1972D1

[Reverse Card \(Easy Version\)](#) · [Tutorial](#)

Rating: 1400 · first AC: 2024-04-30 · C++20 (GCC 13-64) (first AC) · Tags: brute force, math, number theory

[ConstructibleNumber's solution](#)

25.

2183C

[War Strategy](#) · [Tutorial](#)

Quality: 10,669 global accepts · Rating: 1500 · first AC: 2026-01-07 · C++20 (GCC 13-64) (first AC) · Tags: binary search, greedy, math, two pointers

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26.

2183D1

[Tree Coloring \(Easy Version\)](#) · [Tutorial](#)

Quality: 8,851 global accepts · Rating: 1500 · first AC: 2026-01-07 · C++20 (GCC 13-64) (first AC) · Tags: constructive algorithms, dfs and similar, greedy, trees

[ConstructibleNumber's solution](#)

27.

1968E

[Cells Arrangement](#) · [Tutorial](#)

Quality: 12,638 global accepts · Rating: 1600 · first AC: 2024-05-02 · C++20 (GCC 13-64) (first AC) · Tags: constructive algorithms

[ConstructibleNumber's solution](#)

28.

2161B

[Make Connected](#) · [Tutorial](#)

Quality: 5,372 global accepts · Rating: 1700 · first AC: 2025-11-05 · C++20 (GCC 13-64) (first AC) · Tags: brute force, implementation

[ConstructibleNumber's solution](#)

29.

1984C2

[Magnitude \(Hard Version\)](#) · [Tutorial](#)

Quality: 8,691 global accepts · Rating: 1700 · first AC: 2024-06-09 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, dp, greedy, math

[ConstructibleNumber's solution](#)

30.

2211C2

[Equal Multisets \(Hard Version\)](#) · [Tutorial](#)

Quality: 3,670 global accepts · Rating: 1800 · first AC: 2026-03-28 · C++20 (GCC 13-64) (first AC) · Tags: constructive algorithms, dsu, greedy

[ConstructibleNumber's solution](#)

31.

2196C1

[Interactive Graph \(Simple Version\) · Tutorial](#)

Quality: 3,593 global accepts · Rating: 1800 · first AC: 2026-02-23 · C++20 (GCC 13-64) (first AC) · Tags: binary search, combinatorics, dfs and similar, dp, graphs, interactive

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32.

1979D

[Fixing a Binary String · Tutorial](#)

Quality: 7,853 global accepts · Rating: 1800 · first AC: 2024-06-06 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, brute force, constructive algorithms, dp, greedy, hashing, strings

[ConstructibleNumber's solution](#)

33.

1981C

[Turtle and an Incomplete Sequence · Tutorial](#)

Quality: 6,340 global accepts · Rating: 1800 · first AC: 2024-05-31 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, brute force, constructive algorithms, greedy, implementation, math

[ConstructibleNumber's solution](#)

34.

1968F

[Equal XOR Segments · Tutorial](#)

Quality: 6,928 global accepts · Rating: 1800 · first AC: 2024-05-02 · C++20 (GCC 13-64) (first AC) · Tags: binary search, data structures

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35.

1954D

[Colored Balls · Tutorial](#)

Quality: 8,078 global accepts · Rating: 1800 · first AC: 2024-04-12 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, dp, math, sortings

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36.

2211D

[AND-array · Tutorial](#)

Quality: 2,897 global accepts · Rating: 1900 · first AC: 2026-03-28 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, combinatorics, math

[ConstructibleNumber's solution](#)

37.

1968G1

[Division + LCP \(easy version\) · Tutorial](#)

Quality: 5,298 global accepts · Rating: 1900 · first AC: 2024-05-03 · C++20 (GCC 13-64) (first AC) · Tags: binary search, data structures, dp, hashing, string suffix structures, strings

[ConstructibleNumber's solution](#)

38.

1984D

["a" String Problem · Tutorial](#)

Quality: 3,881 global accepts · Rating: 2000 · first AC: 2024-06-09 · C++20 (GCC 13-64) (first AC) · Tags: brute force, hashing, implementation, math, string suffix structures, strings

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39.

2183E

[LCM is Legendary Counting Master · Tutorial](#)

Quality: 2,852 global accepts · Rating: 2100 · first AC: 2026-01-07 · C++20 (GCC 13-64) (first AC) · Tags: dp, math, number theory

[ConstructibleNumber's solution](#)

40.

2183D2

[Tree Coloring \(Hard Version\) · Tutorial](#)

Quality: 2,498 global accepts · Rating: 2100 · first AC: 2026-01-07 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, constructive algorithms, data structures, dfs and similar, greedy, implementation, trees

[ConstructibleNumber's solution](#)

41.

1968G2

[Division + LCP \(hard version\) · Tutorial](#)

Quality: 2,507 global accepts · Rating: 2200 · first AC: 2024-05-02 · C++20 (GCC 13-64) (first AC) · Tags: binary search, brute force, data structures, dp, hashing, math, string suffix structures, strings

[ConstructibleNumber's solution](#)

42.

1972D2

[Reverse Card \(Hard Version\) · Tutorial](#)

Rating: 2200 · first AC: 2024-04-30 · C++20 (GCC 13-64) (first AC) · Tags: brute force, math, number theory

[ConstructibleNumber's solution](#)

43.

1954E

[Chain Reaction · Tutorial](#)

Quality: 2,969 global accepts · Rating: 2200 · first AC: 2024-04-12 · C++20 (GCC 13-64) (first AC) · Tags: binary search, data structures, dsu, greedy, implementation, math, number theory

[ConstructibleNumber's solution](#)

44.

1972E

[Fenwick Tree · Tutorial](#)

Rating: 2300 · first AC: 2024-05-01 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, data structures, math, matrices

[ConstructibleNumber's solution](#)

45.

2211F

[Learning Binary Search · Tutorial](#)

Quality: 914 global accepts · Rating: 2400 · first AC: 2026-03-28 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, divide and conquer, dp, math

[ConstructibleNumber's solution](#)

46.

1984E

[Shuffle · Tutorial](#)

Quality: 1,814 global accepts · Rating: 2400 · first AC: 2024-06-09 · C++20 (GCC 13-64) (first AC) · Tags: dp, greedy, trees

[ConstructibleNumber's solution](#)

47.

1979E

[Manhattan Triangle · Tutorial](#)

Quality: 1,809 global accepts · Rating: 2400 · first AC: 2024-06-07 · C++20 (GCC 13-64) (first AC) · Tags: binary search, constructive algorithms, data structures, geometry, implementation, two pointers

[ConstructibleNumber's solution](#)

48.

2211E

[Minimum Path Cover · Tutorial](#)

Quality: 855 global accepts · Rating: 2500 · first AC: 2026-03-28 · C++20 (GCC 13-64) (first AC) · Tags: brute force, dp, greedy, interactive, math, number theory, trees

[ConstructibleNumber's solution](#)

49.

2183F

[Jumping Man · Tutorial](#)

Quality: 1,128 global accepts · Rating: 2500 · first AC: 2026-01-07 · C++20 (GCC 13-64) (first AC) · Tags: brute force, combinatorics, dfs and similar, dp, trees

[ConstructibleNumber's solution](#)

50.

1984F

[Reconstruction · Tutorial](#)

Quality: 1,141 global accepts · Rating: 2500 · first AC: 2024-06-09 · C++20 (GCC 13-64) (first AC) · Tags: brute force, dp, math

[ConstructibleNumber's solution](#)

51.

2150D

[Attraction Theory](#) · [Tutorial](#)

Quality: 752 global accepts · Rating: 2700 · first AC: 2025-09-25 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, dp, math

[ConstructibleNumber's solution](#)

52.

2147G

[Modular Tetration](#) · [Tutorial](#)

Quality: 359 global accepts · Rating: 3100 · first AC: 2025-09-22 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, math, number theory

[ConstructibleNumber's solution](#)

53.

1787H

[Codeforces Scoreboard](#) · [Tutorial](#)

Quality: 337 global accepts · Rating: 3300 · first AC: 2026-01-29 · C++20 (GCC 13-64) (first AC) · Tags: binary search, data structures, dp, geometry

[ConstructibleNumber's solution](#)

54.

2222F

[Building Tree](#) · [Tutorial](#)

Quality: 569 global accepts · Rating: — · first AC: 2026-04-25 · C++20 (GCC 13-64) (first AC) · Tags: data structures, divide and conquer, dsu, graphs, implementation

[ConstructibleNumber's solution](#)

55.

2222E

[Seek the Truth](#) · [Tutorial](#)

Quality: 1,935 global accepts · Rating: — · first AC: 2026-04-25 · C++20 (GCC 13-64) (first AC) · Tags: binary search, bitmasks, constructive algorithms, interactive

[ConstructibleNumber's solution](#)

56.

2222C

[Median Partition](#) · [Tutorial](#)

Quality: 4,759 global accepts · Rating: — · first AC: 2026-04-25 · C++20 (GCC 13-64) (first AC) · Tags: dp, math

[ConstructibleNumber's solution](#)

57.

2222D

[Permutation Construction](#) · [Tutorial](#)

Quality: 3,172 global accepts · Rating: — · first AC: 2026-04-25 · C++20 (GCC 13-64) (first AC) · Tags: constructive algorithms, data structures, sortings

[ConstructibleNumber's solution](#)

58.

2222B

[Artistic Balance Tree](#) · [Tutorial](#)

Quality: 7,258 global accepts · Rating: — · first AC: 2026-04-25 · C++20 (GCC 13-64) (first AC) · Tags: greedy, sortings

[ConstructibleNumber's solution](#)

59.

2222A

[A Wonderful Contest](#) · [Tutorial](#)

Quality: 9,966 global accepts · Rating: — · first AC: 2026-04-25 · C++20 (GCC 13-64) (first AC) · Tags: brute force, dp, math

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