

소수카드와 합성수 카드를 활용한 게임

(A game using prime and composite cards)

A game using prime and composite cards

▶ Start

▶ End

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

player1

Mixing the prime numbers

Generating composite numbers

player2

Mixing composite numbers

Distribution of minority cards

player3

Flip the composite card

Remove minority cards

Complete

At once



A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

2 19 5 19 11 5 23 7 13 19 11 3 23 11 2

player2

19 5 7 23 2 3 5 2 7 2 17 17 17 5 11

player3

7 3 23 13 13 3 3 13 17 11 19 13 17 7 23

In game

At once



A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

2 19 5 19 11 5 23 7 13 19 11 3 23 11 2

player2

19 5 7 23 2 3 5 2 7 2 17 17 17 5 11

player3

7 3 23 13 13 3 3 13 17 11 19 13 17 7 23

In game

At once

52

{2, 2, 13}

A game using prime and composite cards

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▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 7 19 11 3 23 11

player2

19 5 7 23 2 3 5 2 7 2 17 17 17 5 11

player3

7 3 23 13 13 3 3 13 17 11 19 13 17 7 23

In game

At once

52

{2, 2, 13}

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 7 19 11 3 23 11

player2

19 7 23 3 2 7 2 17 17 17 5 11

player3

7 3 23 13 13 3 3 13 17 11 19 13 17 7 23

In game

At once

50

{2, 5, 5}

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 7 19 11 3 23 11

player2

19 7 23 3 2 7 2 17 17 17 5 11

player3

7 23 13 13 3 13 17 11 19 13 17 7 23

In game

At once

18

{2, 3, 3}

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 19 11 23 11

player2

19 7 23 3 2 7 2 17 17 17 5 11

player3

7 23 13 13 3 13 17 11 19 13 17 7 23

In game

At once

42

{2, 3, 7}

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 19 11 23 11

player2

19 7 23 3 7 2 17 17 17 5

player3

7 23 13 13 3 13 17 11 19 13 17 7 23

In game

At once

22

{2, 11}

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 19 11 23 11

player2

19 7 23 3 7 2 17 17 17 5

player3

7 23 13 13 13 11 19 13 17 7 23

102

{2, 3, 17}

In game

At once

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 19 11 23 11

player2

19 7 23 3 7 2 17 17 17 5

player3

7 23 13 13 13 11 19 13 17 7 23

24

{2, 2, 2, 3}

In game

At once

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 19 11 23 11

player2

7 23 3 7 2 17 17 17

player3

7 23 13 13 13 11 19 13 17 7 23

In game

At once

95

{5, 19}

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 19 11 23 11

player2

7 23 3 7 2 17 17 17

player3

7 23 13 13 13 11 19 13 17 7 23

In game

At once

62

{2, 31}

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 19 11 23 11

player2

7 23 3 7 17 17

player3

7 23 13 13 13 11 19 13 17 7 23

In game

At once

34

{2, 17}

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 5 19 11 5 23 19 11 23 11

player2

7 23 3 7 17 17

player3

7 23 13 13 13 11 19 13 17 7 23

In game

At once

86

{2, 43}

A game using prime and composite cards

▶ Start

▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 19 11 5 23 19 11 23 11

player2

7 23 3 7 17 17

player3

7 23 13 13 13 11 19 13 17 7 23

60

{2, 2, 3, 5}

In game

At once

A game using prime and composite cards

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▶ End

Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 19 11 5 23 19 11 23 11

player2

7 23 7 17 17

player3

7 23 13 13 13 11 19 13 17 7 23

48

{2, 2, 2, 2, 3}

In game

At once

A game using prime and composite cards

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Reset

Generate a prime number set

Mixing the prime numbers

Generating composite numbers

Mixing composite numbers

Distribution of minority cards

Flip the composite card

Remove minority cards

Complete

player1

19 23 19 23

player2

17 17

player3

player3 Winner

At once

33

{3, 11}

Github:

<https://min7014.github.io/math20250207001.html>

Click or paste URL into the URL search bar,
and you can see a picture moving.