

[← Все модули](#)

Баллы 4,00/4,00

Оценка 10,00 из 10,00 (100%)

Вопрос 1

Верно

Баллов: 1,00 из
1,00

Find the number of lattice paths from $(-2, -2)$ to $(3, 3)$ passing through the point $(0, 0)$ (each segment of a path goes north or east).

Ответ: 120



Вопрос 2

Верно

Баллов: 1,00 из
1,00

In how many ways is it possible to permute the letters in the word *EUCLID* in such a way that the order of the vowels (*E, U, I*) is unchanged?

Ответ: 120



Вопрос 3

Верно

Баллов: 1,00 из
1,00

Find the number of merry-go-rounds formed by 10 carriages of two different colors.

This is a tricky one. You are supposed to discuss it with peers if you don't find the solution yourself.

Ответ: 108



Вопрос 4

Верно

Баллов: 1,00 из
1,00

Find the number of positive integers not exceeding 300 and **not** divisible by any of 2, 3, and 5.

Ответ: 80

