Decoding Messages

You have intercepted a number of transmissions from the Evil Empire of Evilness. Though you have been able to translate much of the text, they are using a clever cipher to disguise their numbers. Unless you are able to decode these numbers, there is no way to properly sabotage the Empire's plans!

Description

Each Imperial Cipher consists of 5 integers, ranging from 1 to 6. You must convert each group of numbers into the value it represents, using one of the following rules:

Number Pattern	Example	Value
Five of one number	4 4 4 4 4	50
Four of one number	3 1 3 3 3	Sum of all values
Three of one number	6 1 6 6 4	Sum of all values
Three of one number, two of another number	3 3 5 3 5	25
Five sequential values	4 5 3 1 2	40
Four sequential values	6 3 4 1 5	30
Any numbers	2 2 1 5 6	Sum of all values

Note that order does not matter for any pattern.

In the case where the set of integers would fulfill multiple of these patterns, the largest possible value is chosen.

Input will be space-separated 5 integers, ranging from 1 to 6. Output will be the value those integers represent.

Examples

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2 4 1 3 5
40
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6 6 5 5 6
28
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