



# Problem of the Week

## Problem C

### Just Your Average Sequence

In a sequence of 6 numbers, every number after the first two is the average of the previous two numbers.

The 4<sup>th</sup> number in the sequence is 22 and the 6<sup>th</sup> number in the sequence is 45.

Determine all 6 numbers in the sequence.

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**STRANDS** NUMBER SENSE AND NUMERATION, PATTERNING AND ALGEBRA

