



Problem of the Week

Problem E

Just an Average Sum

Faisal chooses four numbers. When each number is added to the mean (average) of the other three, the following sums are obtained: 25, 37, 43, and 51.

Determine the mean of the four numbers Faisal chose.

EXTRA PROBLEM: Can you interpret the following picture puzzle? You may need to research the meanings of some mathematical symbols used in the puzzle.

$$B > \frac{1}{n} \sum_{i=1}^n x_i$$

