

Name _____

Date _____

Summarizing Numerical Data Sets - Step-by-Step Lesson

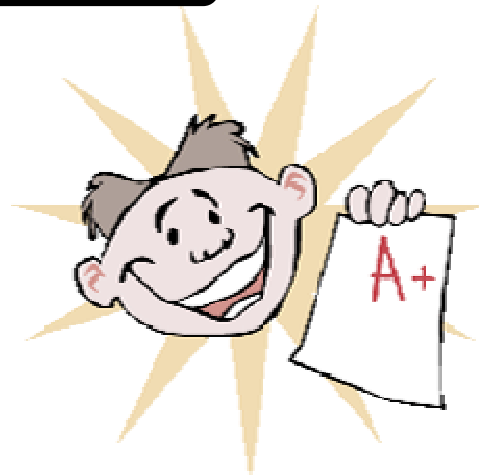
Troy got scores out of 350 in five subjects.

Troy's scores on the first 4 subjects are shown below:

Subject 1: 30 Subject 2: 35

Subject 3: 50 Subject 4: 40

Subject 5: ??



What does he need to score on Project 5 so that the average for the five subjects is 50? Explain your reasoning.

Explanation:

For solving, we will calculate the total number of points needed to have an average of 50.

$$50 \times 5 = 250$$

He got 155 points so far on the first 4 subjects, which means he needs to get so;

$$250 - 155 = 95$$

So, he needs 95 points on project 5.

