

Answer on Question #48560 – Math - Algebra

Adam tried to compute the average of his 7 test scores. He mistakenly divided the correct sum of all his test scores by 6, which yielded 84. What is Adam's correct average test score?

Solution.

Let x be the correct sum of all Adam's test scores.

Then

$$\frac{x}{6} = 84 \Rightarrow x = 6 \cdot 84 = 504.$$

Hence, Adam's correct average test score is

$$\frac{504}{7} = 72.$$

Answer: 72.