Finding an Average Test Score

Brent has grades of 86, 88, and 78 on his first three tests in geometry. If he wants an average of at least 80 after his fourth test, what are the possible scores he can make on that test?

Step 1 **Read** the problem again.

Step 2 **Assign a variable.** Let x = Brent's score on his fourth test.

Step 3 **Write an inequality.** To find his average after four tests, add the test scores and divide by 4.

Step 4 **Solve.**

Step 5 **State the answer.**

Step 6 **Check.**