Mrs. Smith set out her beautiful table runner for parent teacher conferences (a table runner is a cloth used to cover a table and to add decoration). Her fifth grade students liked the runner, especially when they found out Mrs. Smith made it herself. She used four congruent trapezoids and three congruent squares to create it. Always eager for a math challenge, the students decided to find the area of the runner. Mrs. Smith agreed to give them three important measurements. Can you help them find the area? The runner is shown below, as well as the three important measurements. Please show all your work and be ready to explain your solution.

Mrs. Smith: "The length of the runner from tip to tip is 60 inches."

"The width of the runner is 20 inches."

"The shorter base of a trapezoid is 15 inches."

20 in.

60 in.