

Practice Problem 1

Sharon took her three sons to the park. They all wanted to play on the see-saw, but they couldn't decide who should go first. While the sons were arguing, Sharon measured the see-saw to be 4 meters long and did a few quick calculations. She placed her sons in 0.5 meter increments from the end of the see-saw as shown below. If Sharon sat on the opposite end of the see-saw, where did she place the pivot of the see-saw to balance her weight with her sons'? (Assume the mass of the seesaw is negligible compared to the mass of the sons')

