

Math 30A.H1

Sec. 4.6

Ex. 20.5

A room is 60 ft long, 20 ft wide, and 20 ft high. A spider is on the middle of one 20 by 20 wall, 2 ft from the ceiling. A bug is on the middle of the opposite wall, 2 ft from the floor. Find the shortest path between the spider and the bug.

Answer: 75.47 ft