6. . In scenario 1, a person pulls with a force ***F*** on a string of length 2d that is connected to a spring scale. The other end of the spring scale is connected to a post by a string of length d. In scenario 2, the person pulls on the string of length 2d with a force of ***F***, and a second person stands where the post was in scenario 1, and also pulls with a force of ***F***. If the spring scale reads 50 N in scenario 1, what does the spring scale read in scenario 2?  (A) 50 N (B) 67 N (C) 100 N (D) 133 N (E) 150 N