5. . The figure below is a force vs. displacement graph, showing the amount of force applied to an object by three different people. Al applies force to the object for the first 4 m of its displacement, Betty applies force from the 4 m point to the 6 m point, and Chuck applies force from the 6 m point to the 8 m point. Which of the three does the most work on the object?  (A) Al (B) Betty (C) Chuck (D) Al and Chuck do the same amount of work (E) Betty and Chuck do the same amount of work