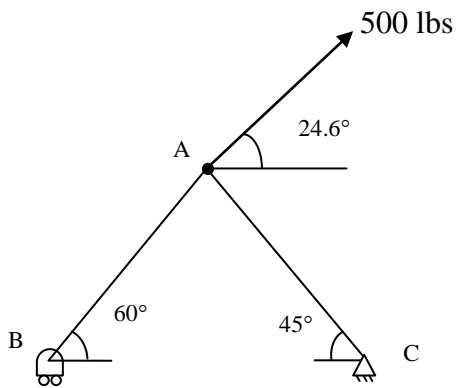**TOPIC**

Engineering Mechanics (Statics and Dynamics)

QUESTION

For the 500 lb force, the components of the force in lbs along AC and AB, respectively, most nearly are

    (A) 300, 485

    (B) 322, 227

    (C) 229, 648

    (D) 354, 469

HINT

This is a resolution problem along specific lines of action. To resolve, use the parallelogram of forces.

This question of the day was provided by the courtesy of Professor *Karim Nohra* of the *University of South Florida* from the book *FE Practice Exam With Complete Solutions*