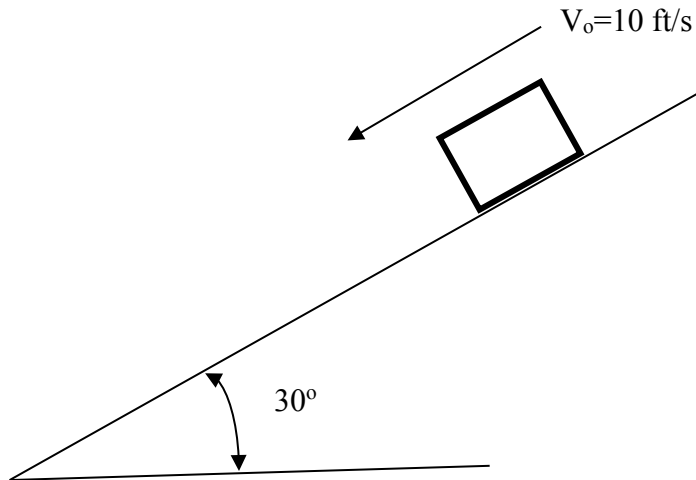


TOPIC

Engineering Mechanics (Statics and Dynamics) – Section VII – Question 17

QUESTION

A 161 lb block travels down a 30° inclined plane with initial velocity of 10 ft/s. If the coefficient of friction is 0.2, the total work done, in ft-lbs by all forces when the block moves through a distance of 5 ft most nearly is



- (A) -239.4
- (B) 80.50
- (C) 263.1
- (D) 402.5

CONTRIBUTOR

Karim Nohra