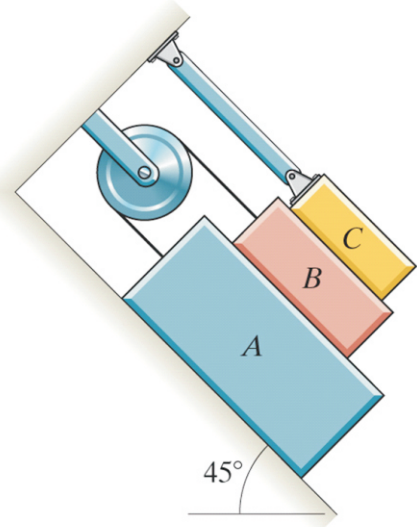


WEEK: _____

PROBLEM: _____

GIVEN:

The masses of the three blocks are $m_A = 40$ kg, $m_B = 16$ kg, and $m_C = 12$ kg. The coefficient of kinetic friction between all surfaces is $\mu_k = 0.1$. Determine the magnitude of the velocity of blocks A and B when they have moved 500 mm.

**REQUIRED:****SOLUTION:**