



NAME _____

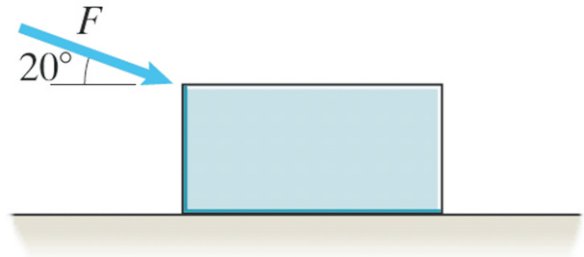
DATE _____

WEEK: _____

PROBLEM: _____

GIVEN:

The coefficient of kinetic friction between the 30-lb box and the horizontal surface is $\mu_k = 0.1$. The box is at rest when the constant force F is applied. Two seconds later, the box is moving to the right at 20 ft/s. Determine F .

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