P11 - 3.2 - $F_f = \mu F_n$ Dynamics Hmk

What is the force required to accelerate a 20 kg object at 4 m/s squared with the coefficient of friction of $\mu = 0.1$?

What is the force required to accelerate a 36 kg object at 6 m/s squared with the coefficient of friction of $\mu = 0.3$?

P11 - 3.2 - Kinematics Dynamics Link

What is the force required to accelerate a 10 kg object from rest to 12 m/s in eight seconds?

How far did the object go?

What is the velocity after seven seconds?

How long will it take to reach 36 m/s?

What is the mass of an object which can accelerate at 2 m/s squared from rest to 8 m/s in 20 m?