

P11 - 3.1 - $F = ma$ Newton's Laws Hmk

What is the force required to accelerate a 12 kg object at 5 m/s squared?

What is the force required to accelerate a 12 kg object at 7 m/s squared?

What is the force required to accelerate an 12 kg object at 5 m/s squared with the frictional force of 2 N?

What is the force to accelerate a 12kg object at 5 m/s squared with the frictional force of 3 N?

A force of 60 N is applied to a 12 kg object. Find its acceleration.

A force of 16 N accelerates an object at 4 m/s squared. Find the mass of the object. What is the objects weight?

An applied 36 N on a 9 kg object accelerates it at 3 m/s squared? What is the frictional force?