

Frictional Force – Warm-Up

Name: _____ Date: _____

A 3.5 kg mini tank is on ice. The coefficient of friction between the tracks and the ice is 0.2. A force of 56 N is acting to the right on the tank, a force a 10 N is acting backwards on it. There is also a downward force of 10 N acting on the tank. Calculate the horizontal acceleration of the tank under these conditions.

