

PHYS 1403
Pretest 4

1) A large truck of mass $m_T = 2300\text{kg}$ has a head-on collision with a small car of mass $m_C = 550\text{kg}$. Compare the force the car exerts on the truck, F_{CT} , to the force the truck exerts on the car, F_{TC} . Is F_{CT} greater than, less than or equal to F_{TC} ? Explain your reasoning.