

Chpt. 6 rev C – Physics

*Show all steps:*

1. A 25 kg box is pulled by a 155 N force applied to the right along the horizontal. What is the acceleration if “ $\mu$ ” is .22?
2. A 22 kg box is pulled by a 175 N force applied at  $25^\circ$  above the horizontal. What is the acceleration if “ $\mu$ ” is .19?
3. A 222.0 kg box is pulled by a 333.0 N force applied at  $35.00^\circ$  above the horizontal. What is the acceleration if “ $\mu$ ” is .2900?