Chpt. 4 – Conceptual 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 the friction force is 67 N?

2. A 22 kg box is pulled by a 175 N force directed along the horizontal. What is the acceleration if the friction force is 57 N and your "friend" pull opposite you with 27 N?

3. A 222.0 kg box is pulled by a 333.0 N force applied along the horizontal. What is the acceleration if friction is 125 N and two of your "former friends" pull opposite you with 75N and 80 N respectively?