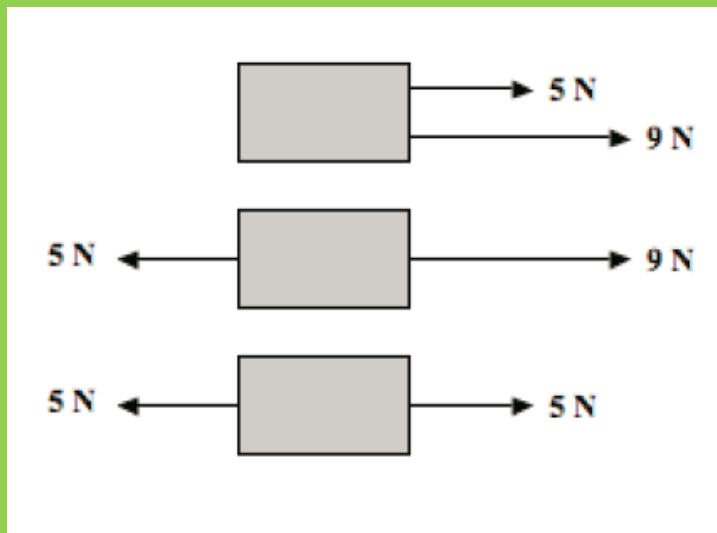


2.2 Review Questions

1. Which of the following are forces?

- a. Weight
- b. Inertia
- c. Mass
- d. Friction
- e. a push
- f. air resistance

2. Calculate the Net Force acting on each block below (remember to fully describe Net Force you need a magnitude (how much) and a direction):



3. Figure out the Net Force acting on the objects in the following situations (how many Newtons, in what direction):

- a. Tug o' War Team A pulls South with a force of 3,000 N, Team B pulls North with a force of 3,100 N
- b. The engines on a jet push it to the East with a force of 70,000 N. It encounters 50,000 N of air resistance.
- c. The engines on a jet push it to the North with a force of 70,000 N. It encounters 70,000 N of air resistance.
- d. A St. Bernard pulls right on a tug toy with a force of 250 N. A Chihuahua pulls left with a force of 75 N.