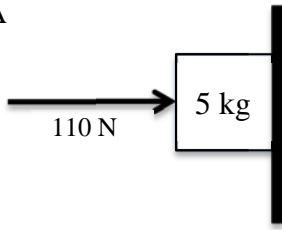


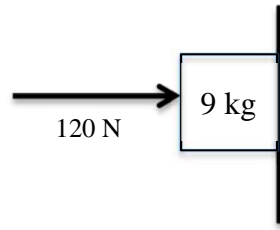
Name: _____

Below are six cubes held at rest against a wall. The coefficients of friction between each cube and the wall are identical.

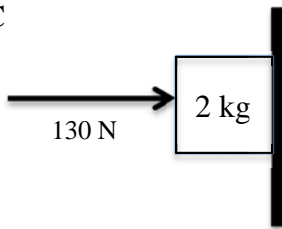
A



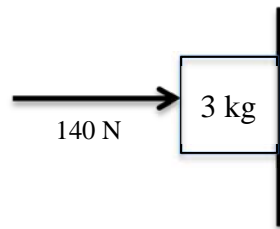
B



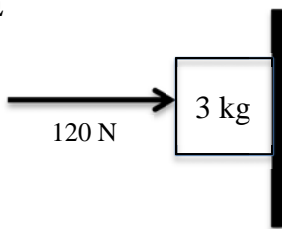
C



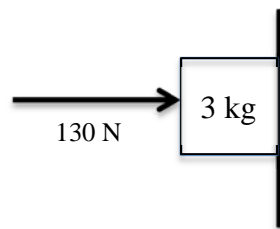
D



E



F



a. Rank the cubes on the basis of the force of the wall acting on them.

Largest 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ Smallest
_____ The ranking can not be determined based on the provided information.

Explain the reason for your ranking:

b. Rank these cubes on the basis of the frictional force acting on them.

Largest 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ Smallest
_____ The ranking can not be determined based on the provided information.

Explain the reason for your ranking: