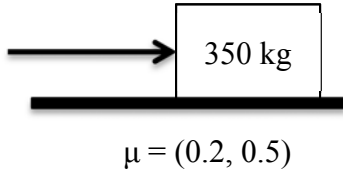


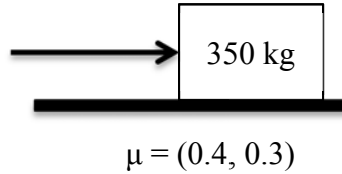
Name: _____

Below are six boxes at rest on level surfaces. The crates have different masses and the frictional coefficients between the crates and the surfaces differ. The same external force is applied to each crate, but none of the crates move. Rank the crakes on the basis of the frictional force acting on them.

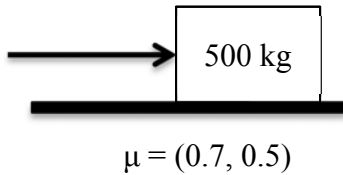
A



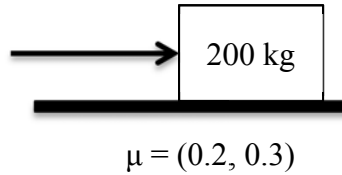
B



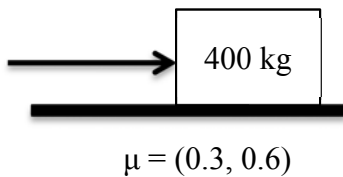
C



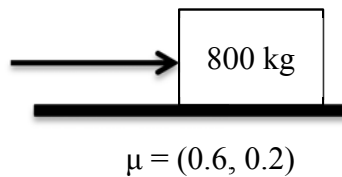
D



E



F



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: