**Suggested Non-Quiz Assessment Tool**

*Performance Assessments*

2 possible assessments for this activity:

1. Provide students with a force diagram model of a double mass system (a second mass hangs from the first mass, there are 3 threads in the system). Have the students create a force diagram model for the system when a moderate force is applied to the bottom thread. Have students rank the tension force in each thread from least to greatest.
2. Introduce students to the classic ['horse-cart dilemma'](http://www.batesville.k12.in.us/Physics/PhyNet/Mechanics/Newton3/HorseAndCart2.html). Ask students to create a force diagram model explaining how it is possible for the horse to pull the cart if the cart produces an equal and opposite force on the horse.