Physics 11

**Section 7.3: Kinetic Energy**

Kinetic energy is energy associated with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Kinetic energy is the amount of work that needs to be done to get an object \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Example:** The kinetic energy of a 2.1 kg rotten tomato is 1000 J.

a) What’s its speed?

b) How much work has to be done on it to bring it up to this speed?