NAME: PERIOD: DATE:

WORK HOMEWORK 1

FOR ALL CALCULATIONS:

WRITE FORMULA.   SHOW SUBSTITUTIONS.   LABEL ANSWER.   CIRCLE ANSWER.

1. What is the work done if a force of 40 Newtons is applied over a distance of 10 meters?

2. How much work is done to lift with 7 Newtons a box upwards 7 meters?

3. Circle any statements that are incorrect.

A. To accomplish work, a force must be applied.

B. To accomplish work, the object must move some distance

C. Holding a box in your hands without moving it is work.

D. Pushing a chair across the room is work.

I like doing work!