



NAME \_\_\_\_\_

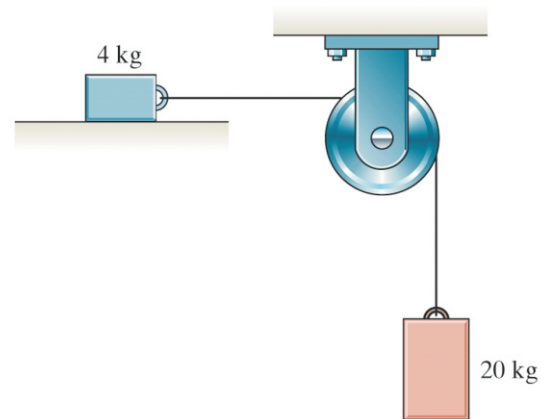
DATE \_\_\_\_\_

WEEK: \_\_\_\_\_

PROBLEM: \_\_\_\_\_

**GIVEN:**

The system is released from rest. The 4-kg mass slides on the smooth horizontal surface. By using the principle of work and energy, determine the magnitude of the velocity of the masses when the 20-kg mass has fallen 1 m.

**REQUIRED:****SOLUTION:**