

Name \_\_\_\_\_ Period \_\_\_\_\_

Energy Quiz 1

<b>Quantity</b>	<b>Symbol</b>	<b>Metric Unit</b>
mass		
work		
kinetic energy		
potential energy		
weight		

1. If you push a 35 kg wagon with a force of 23 N for 2.5 m, how fast will the wagon be going after starting from rest?

2. A 2,520 kg car is coasting at 12 m/s as it comes to a hill. How high (elevation) will the car get before it rolls back down if there is no energy lost to friction?