

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

### Momentum and Impulse Quiz #1

1. Complete the table.

<b>Quantity</b>	<b>Symbol</b>	<b>Metric Units</b>
momentum		
impulse		
mass		
velocity		
weight		

2. A car driving at 60 mph hits a bug flying through the air at 1.5 mph.
- a) Which of the two has more momentum?
  
  - b) Which of the two has a greater change in momentum when they collide?
  
  - c) Which of the two exerts the greater force?
  
  - d) Which of the two has a greater change in velocity?
  
  - e) Both the bug and the car push on each other, which one pushes longer?