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

**Momentum Worksheet**

**Momentum = Mass x Velocity**

What is the momentum of a bowling ball rolling at 7 m/sec if it has a mass of 25 kg?

What would be the momentum of an arrow traveling at 8.5 m/sec if it has a mass of .75 kg?

What would be the mass of an object with a velocity of 25 m/sec and a momentum of 625 kg-m/sec?

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

**Momentum Worksheet**

**Momentum = Mass x Velocity**

What is the momentum of a bowling ball rolling at 7 m/sec if it has a mass of 25 kg?

What would be the momentum of an arrow traveling at 8.5 m/sec if it has a mass of .75 kg?

What would be the mass of an object with a velocity of 25 m/sec and a momentum of 625 kg-m/sec?