

Prelab Questions

These questions need to be completed before entering the lab. Please show all workings.

Marker's Initials

Prelab 1

If the mass of an object is 0.412 kg and its velocity is 0.436 m/s **right**, what is the momentum? Note: Consider the positive x axis to be to the right. Give your answer in unit vector notation.

Prelab 2

If the mass of an object is 0.412 kg and its velocity is 0.436 m/s **left**, what is the momentum? Give your answer in unit vector notation.

Prelab 3

The mass of an object is $(0.412 \pm 0.009) \text{ kg}$ and its velocity is $(0.436 \pm 0.008) \text{ m/s}$ **left**. What is the magnitude of the momentum and its uncertainty?

STAPLE YOUR PRE-LAB TO THIS PAGE
