

Two Dimensional Momentum Conservation Worksheet

Use a Pencil, not a pen.

Name: _____

Date: _____

Lab Partner: _____

- 1) Complete the tables below. Use a pencil.
- 2) On a separate **single** piece of paper, provide all eight plots from which you computed the velocities. Format them professionally.

		Initial		
Property	Units	White Puck (A)	Red Puck (B)	Net or Total
m	g	\pm	\pm	\pm
v_x	cm/s	\pm	\pm	
v_y	cm/s	\pm	\pm	
p_x	g·cm/s	\pm	\pm	\pm
p_y	g·cm/s	\pm	\pm	\pm
$ p $	g·cm/s	\pm	\pm	\pm
θ	degrees	\pm	\pm	\pm

		Final		
Property	Units	White Puck (A)	Red Puck (B)	Net or Total
m	g	\pm	\pm	\pm
v_x	cm/s	\pm	\pm	
v_y	cm/s	\pm	\pm	
p_x	g·cm/s	\pm	\pm	\pm
p_y	g·cm/s	\pm	\pm	\pm
$ p $	g·cm/s	\pm	\pm	\pm
θ	degrees	\pm	\pm	\pm