

Name: _____

Period: _____

HW—4:4 — Review for test
Mr. Murray, IPC
www.aisd.net/smurray

Assigned: Tues., 2/17/04
Due: Thurs., 2/19/04

You have a 30 N force to the right and friction is 6 N. If it accelerates 8 m/s^2 , Find net force and then find its mass.

Find the momentum of a 4 kg object going 0.5 m/s.

A cannon shoots 3 kg ball 40 m/s to the right. If the cannon moves 1 m/s to the left, find its mass.

Work on back

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Don't forget the front side

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Find the mass of a 50 N object.
Use $g = 10 \text{ m/s}^2$.

Find MA of a ramp that is 12 m long and
lifts a 30 kg cart up 4 m.

Find the output force of a lever with an
MA of 0.5 and an input force of 24N>

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