| Veriod: | HW—4:3 — Incline Planes Mr. Murray, IPC www.aisd.net/smurray | Assigned: Thurs., 2/12/04 Due: Tues., 2/17/04 | |
|--|--|--|--|
| You lift a 45 N object. With a ramp you only use 15 N of force. Find MA. | You are lifting an object up 2 m with a 12 m incline plane. Find MA. | If you lift an object up 3 m with an incline plane with an MA of 6. Find the length of the ramp. | |
| | | Work on back | |
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Work on back

| Name: | Don't forget the f | ront side | | HW 4:3 | |
|---|---|--|---|--|--|
| Period: | Inertia Mass Gravity | Net force Force g | Weight Equilibrium Mass | Heat Law of Conservation of Momentum | |
| When all forces on an o | object are balanced. | The force of g | ravity on an object. | | |
| An action that can caus | ses motion. | The amount of matter in an object | | | |
| The a product of friction | n. | Momentum does not change in a closed | | l system | |
| Force pulling all object | Force pulling all object toward each other. | | $OR \ m_L v_L = m_R v_R$ | | |
| Total of all of the force | es on an object. | The acceleration of gravity. | | | |
| Ability of an object to | resist change of motion. | The measure of | of the matter in an object. | | |
| Name:Period: | • | front side | | HW 4:3 | |
| renou | Inertia Mass Gravity | Net force Force g | Weight Equilibrium Mass | Heat Law of Conservation of Momentum | |
| When all forces on an o | object are balanced. | The force of g | ravity on an object. | | |
| An action that can causes motion. | | The amount of matter in an object | | | |
| The a product of friction | The a product of friction. | | Momentum does not change in a closed system | | |
| Force pulling all object toward each other. | | OR $m_L v_L = m_R v_R$ The acceleration of gravity. | | | |
| Total of all of the force Ability of an object to | es on an object. resist change of motion. | The measure of | of the matter in an object. | | |
| Name:Period: | O | front side | | HW 4:3 | |
| | Inertia Mass Gravity | Net force Force g | Weight Equilibrium Mass | Heat Law of Conservation of Momentum | |
| When all forces on an o | object are balanced. | The force of g | ravity on an object. | | |
| An action that can causes motion. | | The amount of matter in an object | | | |
| The a product of friction. | | Momentum does not change in a closed system OR $m_L v_L = m_R v_R$ | | | |
| Force pulling all object toward each other. | | The acceleration of gravity. | | | |
| Total of all of the forces on an object. | | The measure of the matter in an object. | | | |
| Ability of an object to resist change of motion. | | The mousure | The measure of the matter in an object. | | |