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Concep 1.)	What is the relationship between mass and acceleration if the force is constant?
2.)	What is the relationship between mass and force if the acceleration is constant?
3.)	What is the relationship between force and acceleration is the mass is constant?
Simple	review problems
4.)	Find the weight in Newtons for a 150 kg person.
5.)	Find the acceleration of a 20 kg mass when a 120 Newton force is applied
6.)	What is the mass of a block that is accerlerating at 3 m/s/s if a force of 30 N at 0° and a force of 55 N at 0° is acting on it.
Find the	e normal force
7.)	If the surface is horizontal, what is the normal force on a 30 kg mass?
8.)	If the surface is horizontal, what is the normal force on a 75 kg mass?

Concepts in friction

If a force is applied in the positive x direction on an object resting on a rough surface which way will the force of friction be?
What is the equation for friction?
What are the two types of friction and how are they different?
Which type has a greater coefficient of friction?
What causes the friction? Explain fully.
What does a coefficient of friction of zero mean? Of 1 mean?
If the object is moving at a constant velocity what must be true about the force applied to the object and the friction between the object and the surface?
involving friction
What is the force due to friction if the object weighs 120 N and the coefficient of friction (μ) is .3?
What force must be applied to an object that has a mass of 5 kg and is moving at a constant velocity if the coefficient of friction is .5?
What is the coefficient of friction for an object that has a force of friction of 85 N and a mass of 12 kg?