

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Physical Science Notes 11  
Gravity

Some important questions:

- Can gravity's effects be changed?
  - change their mass
  - add force that counter act (works against) gravity (ie... elevator)

- What equation can we use to calculate gravity?

$$F = ma$$

- What English/American unit do we use all the time to express the force of gravity acting on us?

Pounds

- What is the metric unit that describes the force of gravity on an object?

$$F = \text{Newtons} \quad \text{kg} \cdot \frac{\text{m}}{\text{s}^2}$$

$$\frac{\text{kg} \cdot \text{m}}{\text{s}^2} = \text{N}$$

