

ENERGY

BEGINS WITH AN "M"

MYSTERIES

- 1. Which takes more energy: driving up a long, shallow incline or driving up a short, steep incline?**
- 2. Can a machine multiply the maximum amount of force you can apply?**
- 3. Why is the first hill of a roller coaster always the highest?**

MAGIC

The Pendulum of Doom!

MYTHS

- 1. Some machines can deliver more energy than they use.**
- 2. Power is the rate at which work is done.**
- 3. a. It's difficult to conserve energy.
b. It's easy to conserve energy.**