

Bell work for 8-7-06

Measure the length, width,
and height of your desk
Without using a ruler

Bell work for 8-8-06

Which of the following determines how fast an object will fall?

1. It's mass
2. It's size
3. It's shape
4. All of the above
5. None of the above
6. Not enough information

Bell work for 8-9-06

If the classroom was perfectly sealed off and only the main classroom area was taken into account:

- How much water could fit into this classroom?
- How long would it take for one faucet running full blast to fill the room?
- Show me step by step and neatly labeled – all calculations necessary to PROVE your answer.

Bell Work for 8-10-06

- What are the 6 Basic units of the metric system?

Bell Work for 8-21-2006

Name all of the types of graphs that you can think of.

Bell Work for 9-7-2006

#1

- What are the 5 steps of the Florida Research Process Model?

Bell Work for 9-7-2006

#2

Astronomers now believe that the universe is about 16 billion years old. Suppose that someday, stars are proven to be 26 billion years old. What would happen then?

- A. The approximate age of the universe would be changed.
- B. The new discovery would be kept unknown
- C. The universe would still be thought to be 16 billion years old.
- D. New data would be denied because it does not fit the theory.

Bell Work for 9-8-2006

Stars have different apparent magnitudes. Stars in a constellation often vary in brightness. What factor could cause a dim star in a constellation to appear brighter than a bright star in a constellation?

- A. The atmosphere intensifies the light of the star.
- B. The dim star is closer to Earth and appears brighter.
- C. The light of the dim star is reflected from another source.
- D. Both stars have the same apparent magnitudes.

Bell Work for 9-11-2006

Earth is called the "Blue Planet" because its surface is covered with 75% water, and it appears mostly blue from space. Uranus and Neptune are lighter, gaseous planets, but they also appear blue because of the presence of hydrogen, helium, and methane (CH₄). Scientists exploring space to find other planets that might be capable of supporting life should be most interested in finding which elements?

- A. hydrogen, helium, and methane
- B. hydrogen, oxygen, and methane
- C. hydrogen, oxygen, and carbon
- D. hydrogen and helium

Bell Work for 9-13-2006

Energy takes many forms such as mechanical, sound, heat, light, electrical, chemical, or nuclear. In chemical energy often, new products are formed. When rusting occurs oxygen combines with a metal such as iron. Which of the following best describes another chemical reaction that releases energy?

- A. Ice melting leaving a puddle of water
- B. Water evaporating to form water vapor
- C. A candle burning releasing heat and light
- D. Text book pages being shredded

Bell Work for 9-14-2006

Kinetic energy is the energy of motion and potential energy is the amount of stored energy. As kinetic energy increases, the amount of potential energy decreases. If Tom has a sling shot stretched to the maximum length, what type of energy does it have?

- A. Kinetic energy
- B. Elastic potential energy
- C. Gravitational potential energy
- D. Power

Bell Work for 9-18-2006

- The moon's gravitational force is one-sixth that of Earth. Suppose your mass is 68 kg. How much would your mass be on the moon?
- A. 408 kg.
- B. 11 kg.
- C. 74 kg.
- D. 68 kg.