

# Energy Conservation Bell work – Student Edition

**MULTIPLE CHOICE.** Select the best answer.

- How many kilojoules are there in 1530J?
  - 0.1530
  - 1.53
  - 15.3
  - 153.0
  
- How many joules are there in 6.7kJ?
  - 67
  - 670
  - 6,700
  - 67,000
  
- Which of the following describes the function of a calorimeter?
  - To determine how many calories you should eat.
  - To determine the number of calories in a food.
  - To measure the temperature of food.
  - None of the above.
  
- Which of the following is the correct definition of a calorie?
  - A measurement which represents the amount of energy which can be gained from a food.
  - A measurement which represents how many chemicals are found in a food.
  - A measurement which shows how much hot water is found in a food
  - A measurement of how well a food will burn.
  
- One calorie is equivalent to...
  - 4.2 degrees Celsius
  - 4.2 ml of water.
  - 1 Joule of energy.
  - 4.2 Joules of energy.

