

Name _____ Team _____ Period _____

Energy Gallery Worksheet

Gallery #1

1. _____
2. _____
3. _____

4. _____
5. _____
6. _____

Gallery #2

1. _____
2. _____
3. _____

4. _____
5. _____
6. _____

Gallery #3

1. _____
2. _____
3. _____

4. _____
5. _____
6. _____
7. _____

Gallery #4

1. _____
2. _____

Gallery #5

1. _____
2. _____
3. _____

4. _____
5. _____
6. _____

Gallery #6

Energy can neither be created nor destroyed but it can _____

Every time energy changes from one form to another, some of the energy is changed into what?

For this problem, assume there is no friction and no energy becomes thermal energy. Skier at the top of a mountain starts with 2000 joules of potential energy. Half way down the hill, the skier has only 1000 joules of potential energy. How much kinetic energy does the skier have?

At the bottom of the hill, the skier has no potential energy. How much kinetic energy does the skier have?

Gallery #7

1. When you turn on a lamp, _____ energy is converted into _____ and _____.
2. When you run, the _____ energy of the food you eat becomes _____ energy.
3. When you start a car, _____ energy of gasoline turns into _____ energy to move the car.

Gallery #8

C - _____

E - _____

M - _____

E - _____

N - _____

T - _____