



Energy: Forms and Transfer

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: A burning candle only gives off light energy.

Rewrite: _____

2. Fix the sentence: A book sitting on a high shelf has no energy at all.

Rewrite: _____

3. Fix the sentence: Sound is not a form of energy because you cannot see it.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Energy from moving objects is called _____ energy.
2. Energy that is stored in an object because of its position is called _____ energy.
3. The energy we feel from a hot stove is called _____ energy.
4. The energy that flows through wires to power a lamp is called _____ energy.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name three forms of energy you can find in your classroom and give one example of each.

2. Why do scientists say a stretched rubber band has potential energy?

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: A burning candle only gives off light energy.

Rewrite: **A burning candle gives off both light energy and heat energy.**

2. Fix the sentence: A book sitting on a high shelf has no energy at all.

Rewrite: **A book sitting on a high shelf has stored (potential) energy.**

3. Fix the sentence: Sound is not a form of energy because you cannot see it.

Rewrite: **Sound is a form of energy that travels as waves through the air.**

Part B: Fill in the Blank

Write the missing word or number on each line.

1. Energy from moving objects is called **kinetic** energy.
2. Energy that is stored in an object because of its position is called **potential** energy.
3. The energy we feel from a hot stove is called **thermal** energy.
4. The energy that flows through wires to power a lamp is called **electrical** energy.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name three forms of energy you can find in your classroom and give one example of each.

Three forms of energy in a Grade 4 classroom are light energy from the ceiling lamps, sound energy from the teacher speaking, and electrical energy flowing through the cords that power the computer and clock.

2. Why do scientists say a stretched rubber band has potential energy?

A stretched rubber band has potential energy because it is storing energy in its stretched shape. When you let go, that stored energy turns into motion energy and the band snaps back, showing the energy was waiting to be used.
