

ENERGY FORMS HOMEWORK 1 | 2016

Name _____ Class _____ Date _____

1 Look at this picture of Bonfire Night.



- a Label with a C the things that are stores of chemical energy. One has been done for you.
- b Label with an L the things that are converting energy to light.
- c Label with an S the things that are converting energy to sound.
- d Label with an H the things that are converting energy to heat.
- e Label with a K the things that have kinetic energy.

2



- a What kind of stored energy are this group using? _____
- b Name two ways in which this energy is being transferred.

- c Which of these energy transfers is useful? _____

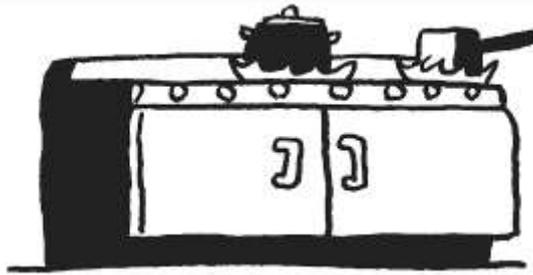
3



This rollercoaster has stored gravitational potential energy at the top of the track. What will this be transferred to as it goes down?

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4

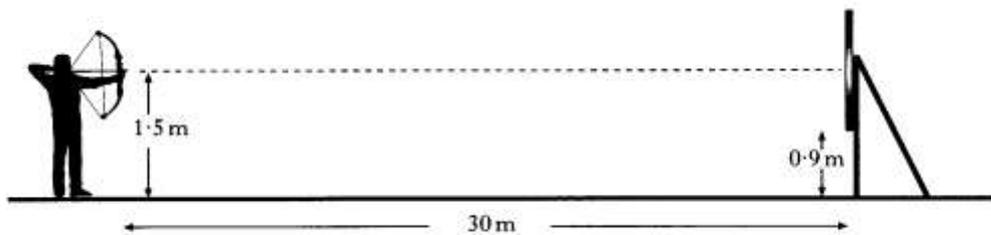


a What kind of stored energy is being converted by this gas cooker? _____

b All the stored energy ends up as heat energy. Where is the useful heat energy stored?

c Where does the wasted heat energy go?

5



a What kind of energy is stored in the bow when it is bent? _____

b What kind of energy will be stored in the arrow when it is fired? _____

I CAN... • identify energy stores and transfers
• identify useful and wasted energy transfers.