

UNIT 2 ENERGY • TOPIC 2.2

Energy transfers

★ ☆ ☆ Getting started

Name

Date

Score

/ 10

Show you understand the basics. Write your answers in the boxes and on the lines.

- 1 When energy moves from one place or object to another, we say it has been... (*circle one*)

1 mark

transferred destroyed weighed frozen

- 2 Complete the sentences about what each thing does with electrical energy.

2 marks

(a) A lamp transfers electrical energy mainly into _____

(b) A radio transfers electrical energy mainly into _____

- 3 This runner is racing. Write down the energy store she is using, and the form of energy it becomes.

2 marks



- 4 Match each thing to the energy transfer it mainly carries out.

3 marks

1. an electric kettle

A. electrical energy into movement

2. a washing machine

B. electrical energy into heat

3. a mobile phone screen

C. movement energy into sound

4. a plucked guitar string

D. electrical energy into light

Write the correct letter beside each number:

1 → _____ 2 → _____ 3 → _____ 4 → _____

5

Tick the **two** sentences that describe energy being **transferred**.

2 marks

- | | |
|--|--|
| ☐ A fire warms the air in the room. | ☐ A stone lies still on the ground. |
| ☐ A boy kicks a ball and it rolls away. | ☐ A closed book sits on a shelf. |

How did I do?

☐ Easy ☐ OK ☐ Tricky

/ 10