



Name:

Class:

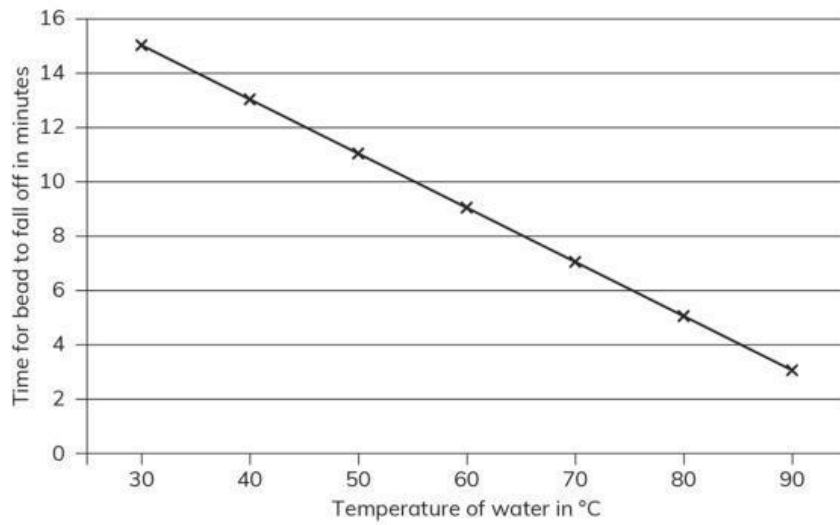
Mark:/10 =

1 Read each question and circle the letter A, B, C or D that has the correct answer.

[2]

- a Which of the following is **not** a form of energy?
- A Heat
 - B Light
 - C The Sun
 - D Sound
- b Which of the following is **not** an example of an energy transfer?
- A Kicking a ball
 - B Washed clothes drying in the Sun
 - C A log of wood
 - D Hitting a drum
- c Which of these statements is **not** true?
- A Energy makes things move or change.
 - B We can make energy.
 - C Energy can change form.
 - D All living things need energy.
- d Why do plants use energy from the Sun?
- A To grow badly
 - B To make food
 - C To become stronger
 - D To form seeds

- 2 Sareena's group investigated **energy transfers**. They used hot water, petroleum jelly, a metal spoon and a bead. Look at the graph of their results and answer the questions. [2.5]



- a What form of energy was transferred? _____
- b Which factor did the group measure? _____
- c Which factor did they change? _____
- d How much time did it take for the bead to fall off at a water temperature 40°C?

- e At which temperature did the bead fall off the spoon quickest?

3 Identify the **energy changes** in the picture. Write the name of the form of energy in each of the arrows to show how energy changes form. [2]



_____ → _____

_____ → _____

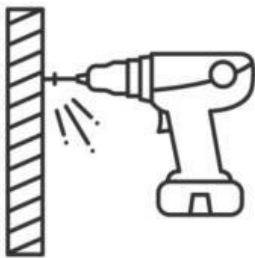


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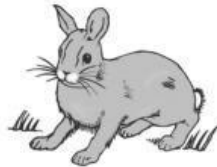


_____ → _____



_____ → _____

4 Look at the pictures below and answer these questions. [3.5]



- a Name the producer. _____
- b Name the herbivore. _____
- c Name the carnivore. _____
- d There is no omnivore in the pictures. Say what an omnivore is.

- e Which of the living things in the pictures is a predator?

- f Which of the living things in the pictures is prey?

- g Draw arrows to link the living things in the pictures in a food chain.