

Name _____ Date _____

End-of-unit 2 test

The End-of-unit tests have been written by the authors.

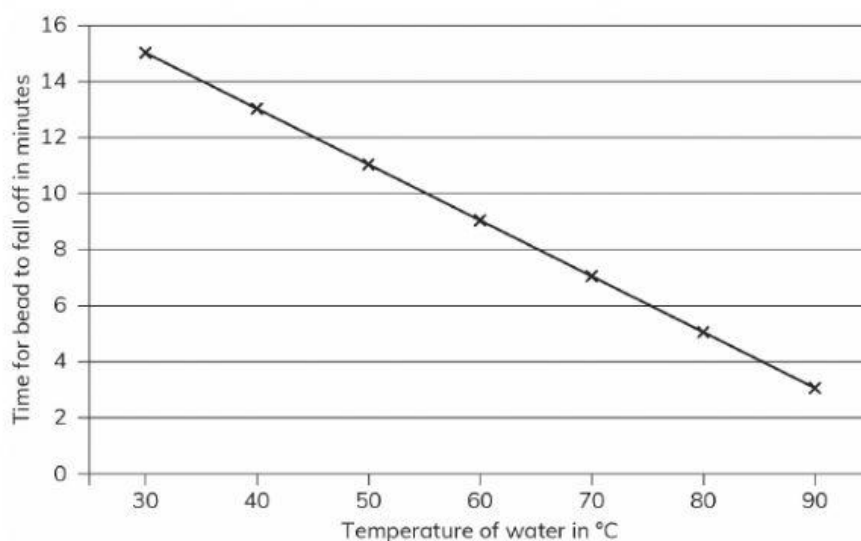
These may not fully reflect the approach of Cambridge Assessment International Education.

20 marks

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

- 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 well
 - 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.



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

- At which temperature did the bead fall off the spoon quickest? _____
- The water did not stay hot. Explain why this happened.

- Draw an energy chain to show the transfer of energy in the investigation.

- 3 Identify the energy change in the picture. Write the name of the form of energy in each of the arrows to show how energy changes form.



4



Look at the pictures above and answer these questions.

- 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.