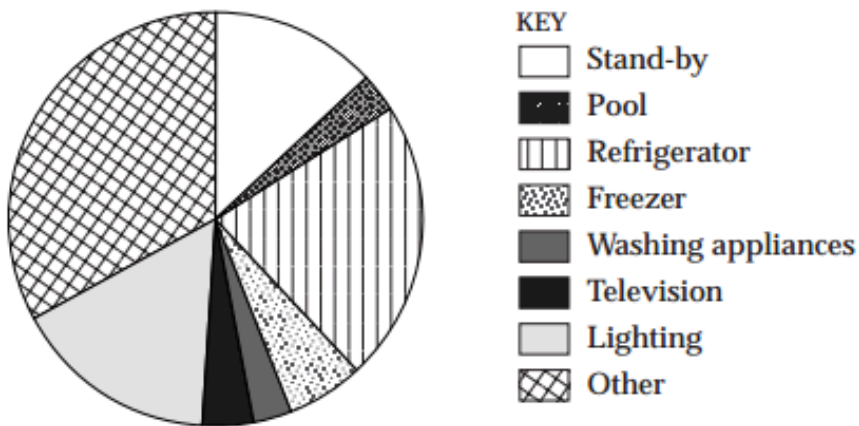


GRAPHS QUESTIONS

Use the graph to answer Questions 11 and 12.

The graph shows data about the use of electricity in Australian homes.



11 Which of the following uses the most electricity in Australian homes?

- (A) Freezer
- (B) Lighting
- (C) Stand-by
- (D) Television

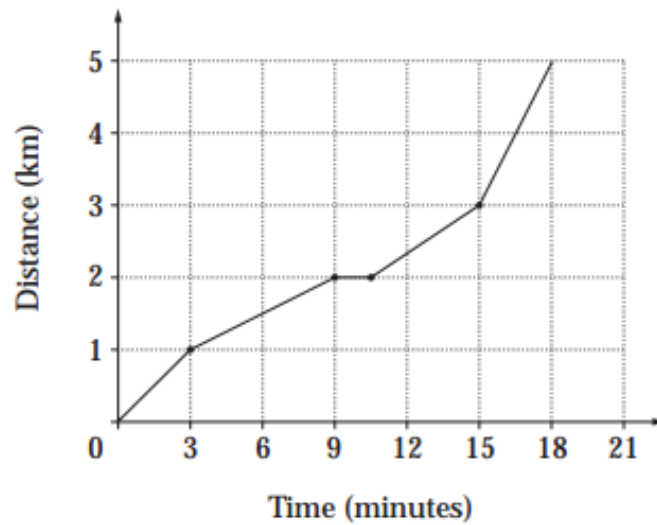
12 Approximately what percentage of electricity in Australian homes is used by refrigerators and freezers?

- (A) 10%
- (B) 25%
- (C) 60%
- (D) 90%

GRAPHS QUESTIONS

Use the graph to answer Questions 17–19.

The graph represents Tristan's journey as he rode his bicycle from his house to his friend's house.

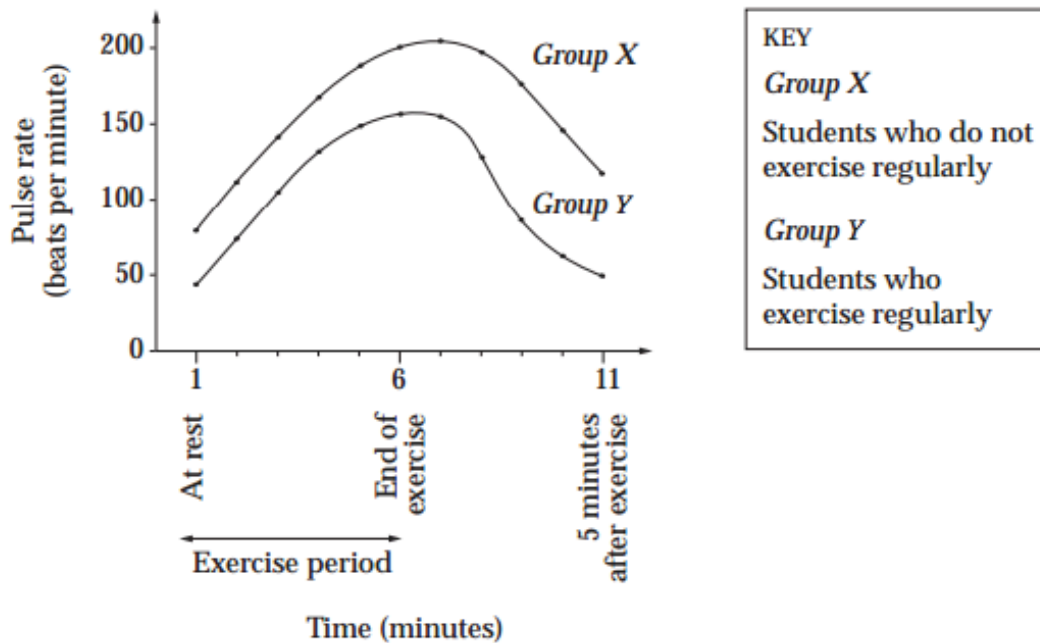


- 17 How far is it from Tristan's house to his friend's house?
- (A) 2 km
 - (B) 5 km
 - (C) 9 km
 - (D) 18 km
- 18 Tristan stopped for a rest during the ride. For how long did he stop?
- (A) 1 minute
 - (B) 1.5 minutes
 - (C) 2 minutes
 - (D) 9 minutes
- 19 Between which times was Tristan travelling fastest?
- (A) 0–9 minutes
 - (B) 9–10.5 minutes
 - (C) 10.5–15 minutes
 - (D) 15–18 minutes

GRAPHS QUESTIONS

Use the following information to answer Questions 26 and 27.

The graph shows the results from an experiment to see the effect of exercise on pulse rates.



26 What is one trend in these results?

- (A) Pulse rates increased throughout the experiment.
- (B) Pulse rates decreased throughout the experiment.
- (C) Pulse rates remained constant throughout the experiment.
- (D) Pulse rates increased, then decreased, during the experiment.

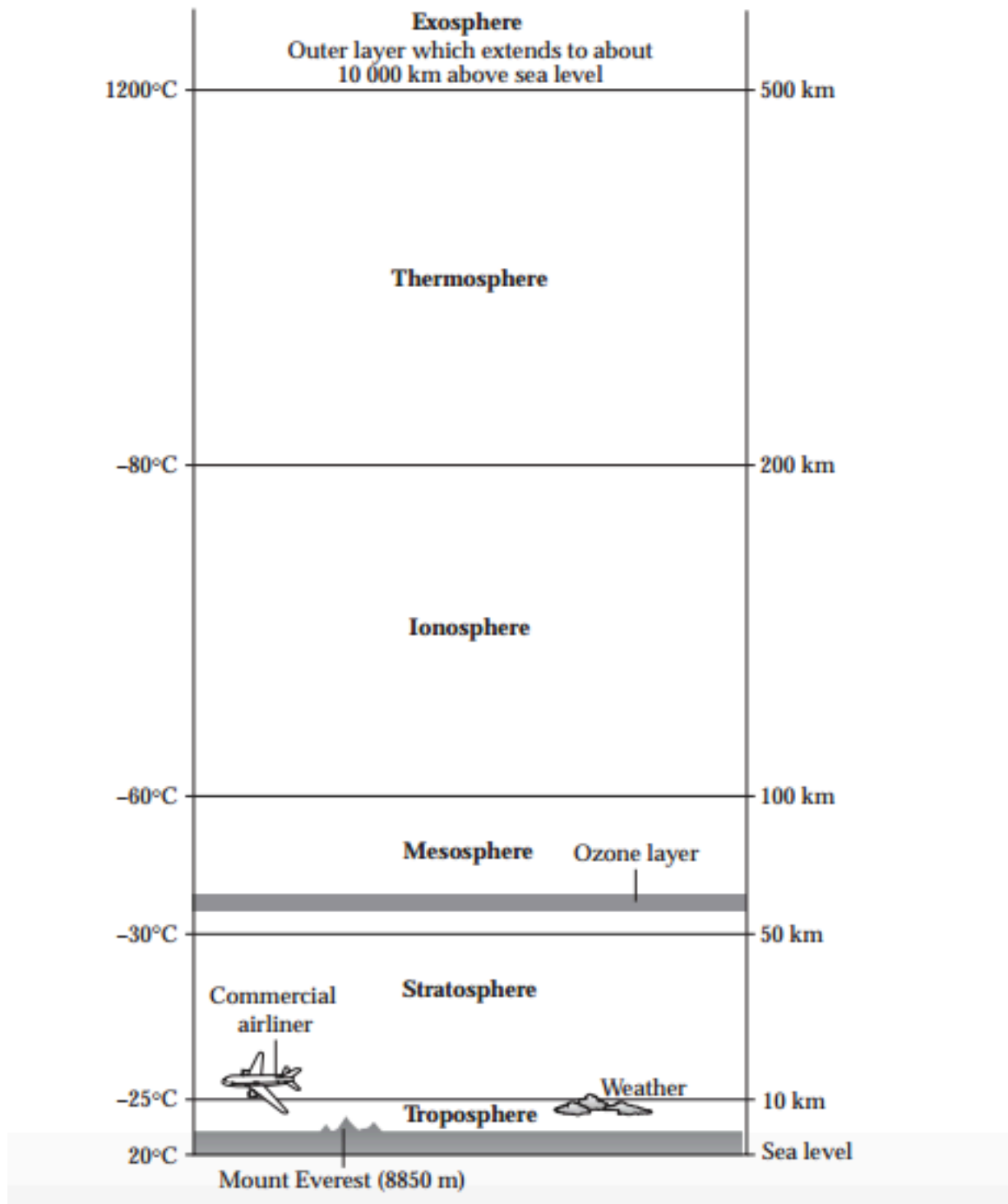
27 What conclusion about the students in this experiment can be drawn from these results?

- (A) Regular exercise lowers pulse rate.
- (B) Regular exercise has no effect on pulse rate.
- (C) People who do regular exercise have a higher pulse rate.
- (D) People who do not regularly exercise have a lower pulse rate.

GRAPHS QUESTIONS

Question 65 (7 marks)

The diagram shows the layers of Earth's atmosphere. Not all parts of the diagram are drawn to scale.



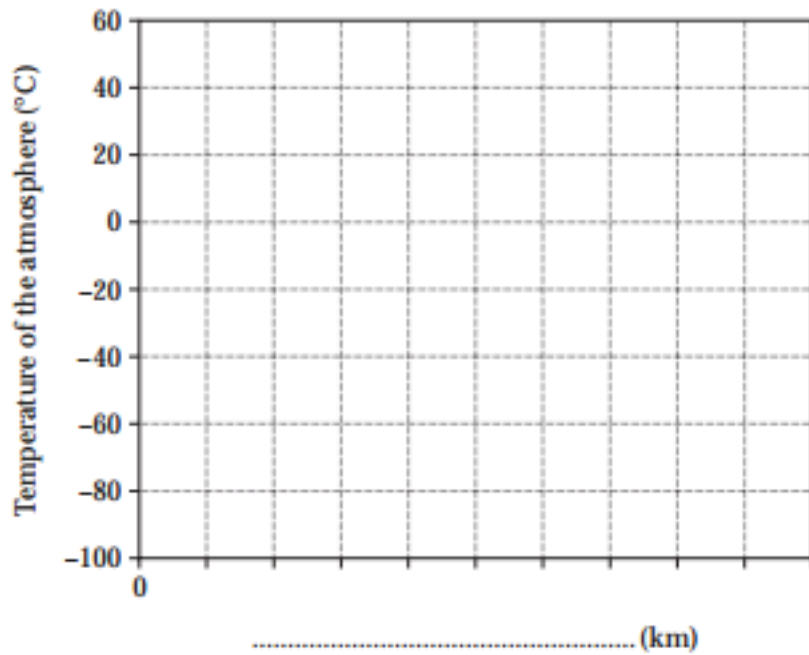
GRAPHS QUESTIONS

Marks

Question 65 (continued)

- (a) Using the information in the diagram, graph the temperature changes from sea level to the top of the ionosphere.

4



- (b) Using the information in the diagram, calculate the difference in temperature between 200 km and 500 km above sea level.

1

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- (c) In the diagram, the Mesosphere has been drawn to scale. Estimate the height of the ozone layer above sea level.

1

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- (d) Using the information in the diagram, suggest ONE reason why commercial aircraft fly mainly in the stratosphere.

1

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