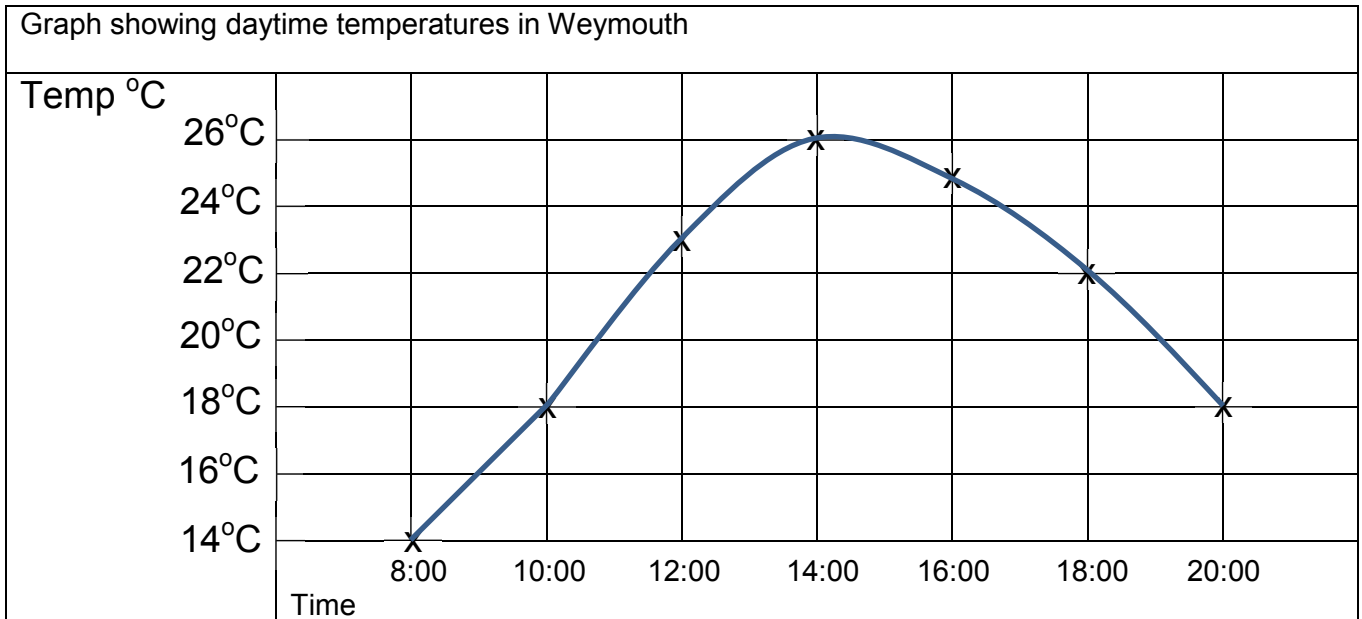


This graph shows the hourly temperature in Weymouth on a lovely hot summer's day. Use the graph to answer the questions below.



1. What was the temperature at 12.00 ? .....
2. How much did the temperature rise between 8.00 and 10.00 ? .....
3. By how much did the temperature fall between 16.00 and 20.00 ? .....
4. What do think the temperature was at 11.00 ? .....
5. What do think the temperature was at 19.00 ? .....
6. When was the hottest time of day? .....
7. At which two times was the temperature 20°C ? .....
8. What do you think the temperature would be at 21.00 ? .....

This graph shows the time Fred took to walk 12 km. Use the graph to answer the questions below.



1. What time did Fred start off on his walk? .....
2. How far had he gone after 40 minutes? .....
3. How far did Fred walk between 1.40 and 2.00 ? .....
4. At what time did Fred stop for 20 minutes for an ice cream? .....
5. When Fred continued his walk did he walk faster or slower? .....
6. How far did Fred walk between 2.20 and 2.40 ? .....
7. How long did the whole walk take? .....
8. If Fred had not stopped for an ice cream how long do you think he would have taken? Give a reason for your answer. ....

.....



## Answers

### Page 1

1.  $23^{\circ}\text{C}$
2.  $4^{\circ}\text{C}$
3. about  $7^{\circ}\text{C}$
4. about  $21^{\circ}\text{C}$
5. about  $20^{\circ}\text{C}$
6. Just after 14:00
7. about 10:40 and 19:00
8. about  $16^{\circ}\text{C}$

### Page 2

1. 1:00 p.m.
2. 4 km
3. 2 km
4. 2:00 p.m.
5. faster
6. 3 km
7. 2 hours including stop.
8. Any answer, either faster, the same time or slower with reasoned answer.