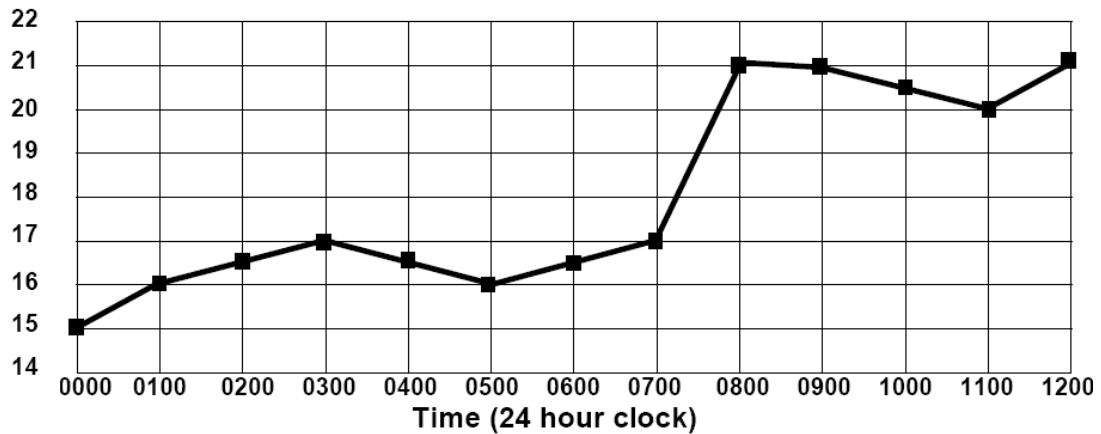


Q1.

Interpreting Line Graphs

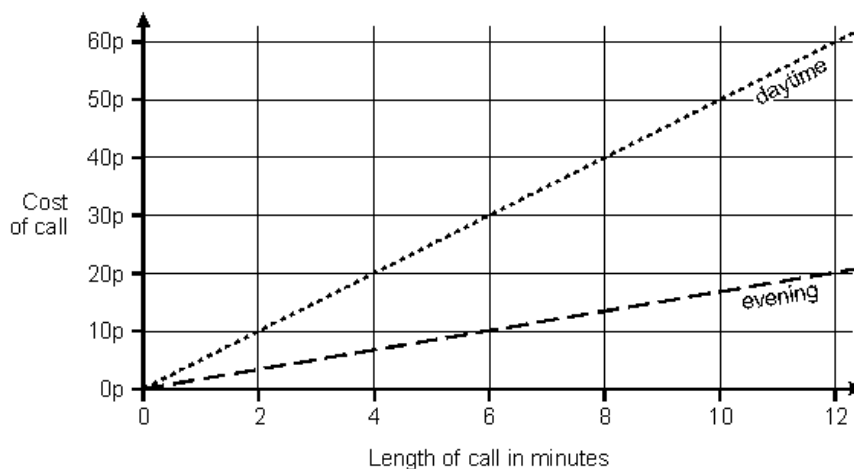
Temperature °C



This graph shows the temperature in a room over twelve hours. Answer the questions below.

- 1a) What was the lowest temperature recorded on the chart.
- 1b) What was the temperature at 3 o'clock am?
- 1c) What was the temperature at 11.00?
- 1d) Which hour shows the biggest rise in temperature?  
(Your answer should refer to one of the hours of the day eg. 0100 – 0200)
- 1e) For how many hours was the temperature between 16 and 17 degrees?
- 1f) Can you estimate the temperature at 07.30?
- 1g) Can you estimate the temperature at 10.00?

Q2. This graph shows the cost of phone calls in the daytime and in the evening.



- 2a) How much does it cost to make a **8 minute** call in the **daytime**?
- 2b) How much does it to make a **6 minute** call in the **evening**?
- 2c) How much **more** expensive is it to make a **12 minute call** in the daytime than it is in the evening?
- 2d) How much **more** does it cost to make a **6 minute call** in the **daytime** than in the **evening**?

**Q3.** The graph shows the journey of a hot-air balloon.



- 3a) The hot air balloon left the ground and rose up into the sky. How long did it take the hot air balloon to reach 500 metres above the ground?
- 3b) How long did the hot air balloon stay at 500 metres above ground?
- 3c) The balloon then rose to a height of 700 metres above ground. How long did the hot air balloon remain at this height?
- 3d) After how many **minutes** of the journey did the balloon begin to go down?
- 3e) What was the duration of the hot air balloon's flight?