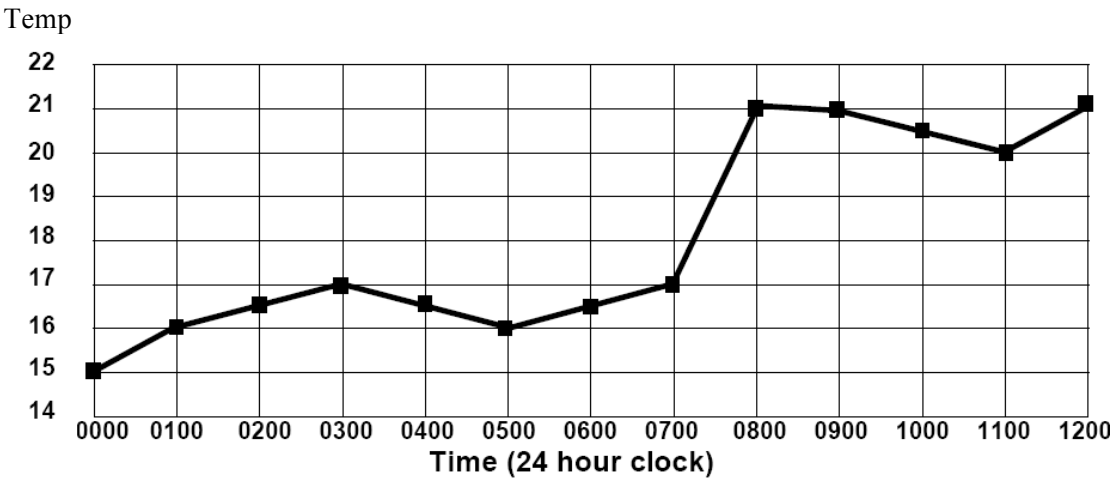
Interpreting Line Graphs



Q1. This graph shows the temperature in a room over twelve hours.

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?

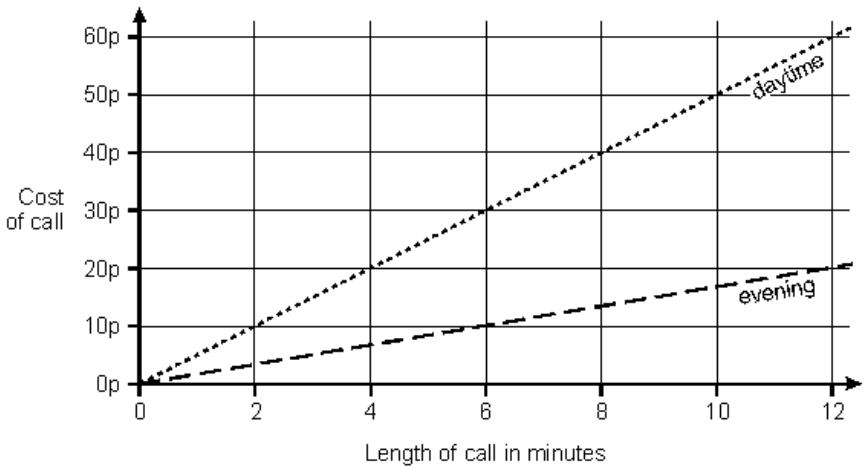
1d) Which hour shows the biggest rise in temperature?

1e) For how long 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.



How much does it cost to make a **9 minute** call in the **daytime**?

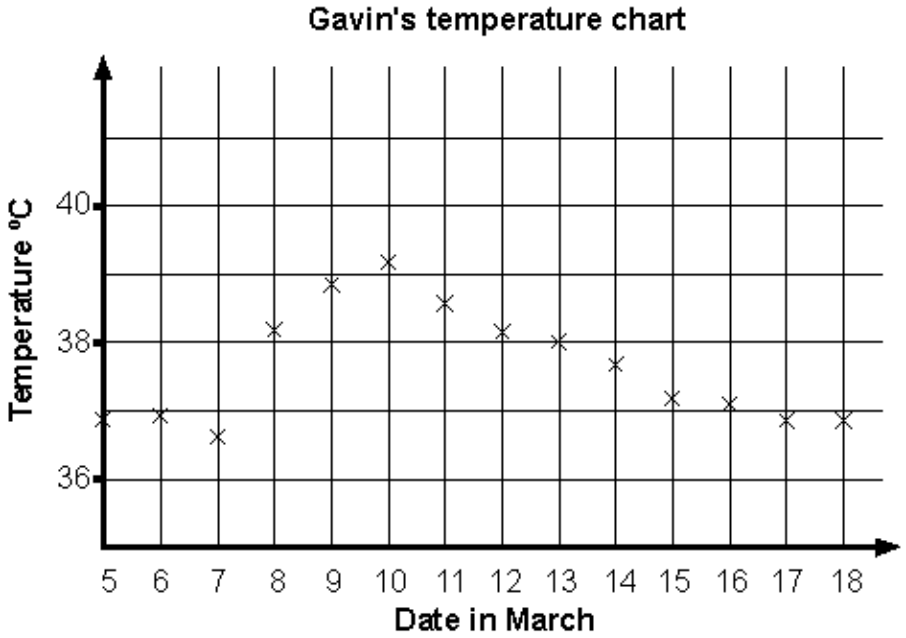
How much **more** does it cost to make a **6 minute** call in the **daytime** than in the **evening?**

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

At what **height** above the ground was the balloon after **10 minutes?**

After how many **minutes** of the journey did the balloon begin to go down?

Q4. Gavin was ill in March. This is his temperature chart



For how many days was his temperature marked as **more than** 37°C?

Which **date** showed the largest **change in temperature** from the day before?

Estimate Gavin's **highest** temperature shown on the graph.