Q1.   **Interpreting Line Graphs**
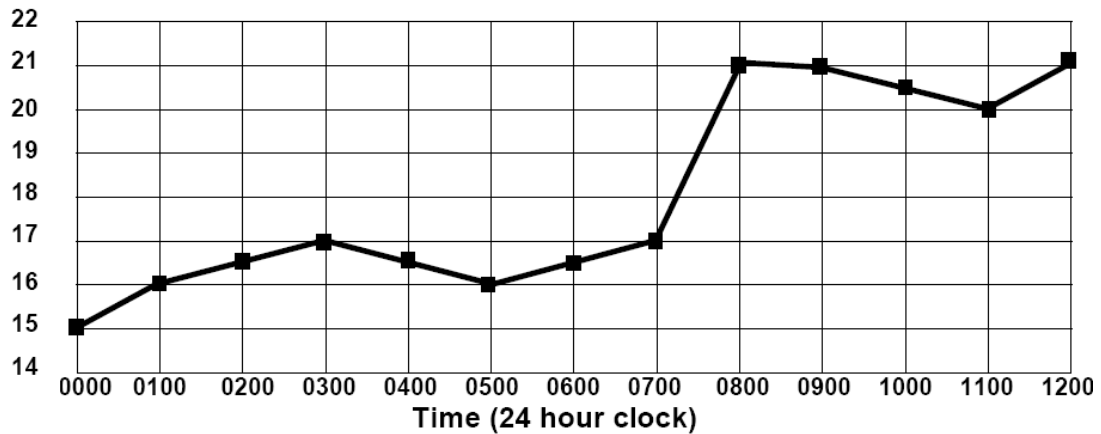
Temperature ℃

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. **15˚C**

1b) What was the temperature at 3 o'clock am? **17˚C**

1c) What was the temperature at 11.00? **20˚C**

1d) Which hour shows the biggest rise in temperature? **0700 - 0800**
    (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? **6 hours**

1f) Can you estimate the temperature at 07.30? **19˚C**

1g) Can you estimate the temperature at 10.00? **20.5˚C**

Q2.   This graph shows the cost of phone calls in the daytime and in the evening.
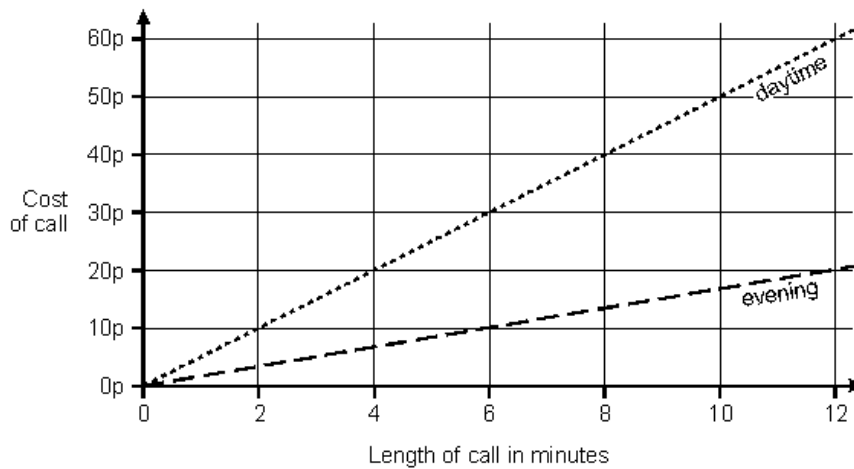
2a) How much does it cost to make an **8 minute** call in the **daytime**? **40p**

2b) How much does it cost to make a **6 minute** call in the **evening**? **10p**

2c) How much **more** expensive is it to make a **12 minute call** in the daytime than it is in the evening? **40p**

 2d) How much **more** does it cost to make a **6 minute call** in the **daytime** than in the **evening? 20p**

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? **12.5 minutes**

3b) How long did the hot air balloon stay at 500 metres above ground? **12.5 minutes**

3c) The balloon then rose to a height of 700 metres above ground. How long did the hot air balloon remain at this height? **12.5 minutes**

3d) After how many **minutes** of the journey did the balloon begin to go down?
    45 minutes

3e) What was the duration of the hot air balloon's flight? **57.5 minutes**