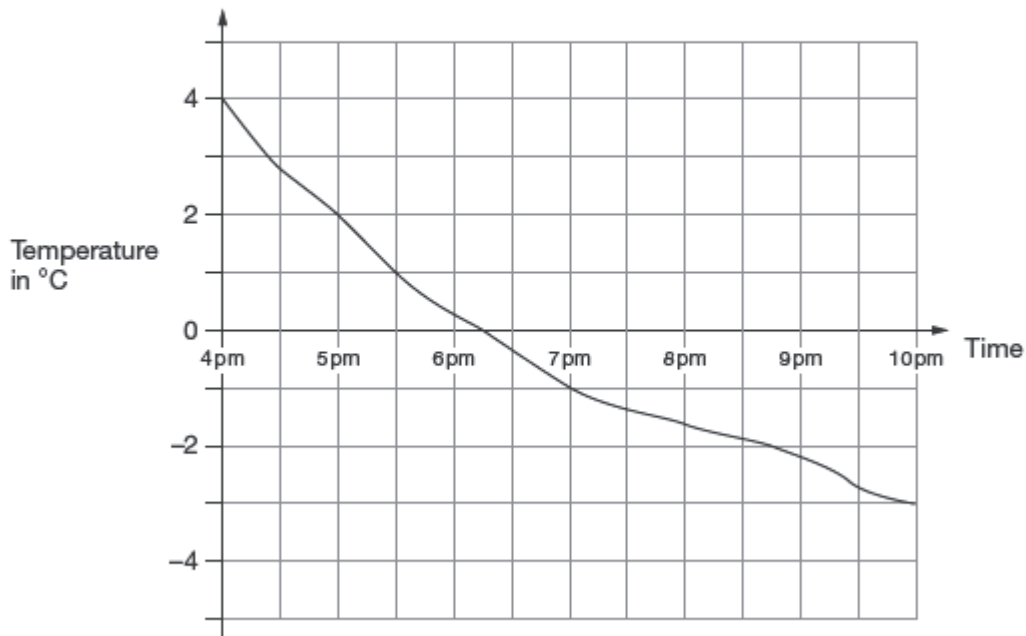


### Interpreting Line Graphs

17

This graph shows the outside temperature from 4pm to 10pm on a day in winter.



- What was the lowest temperature recorded on the chart?
- By how much did the temperature decrease in the first hour?
- At what time did the temperature reach freezing point?
- How far did the temperature drop between 4pm and 10pm?
- Estimate the temperature at 7.30.
- Estimate the time when the temperature was exactly -2.
- For how long was the temperature below 0?
- During which hour did the temperature fall by 2 degrees?

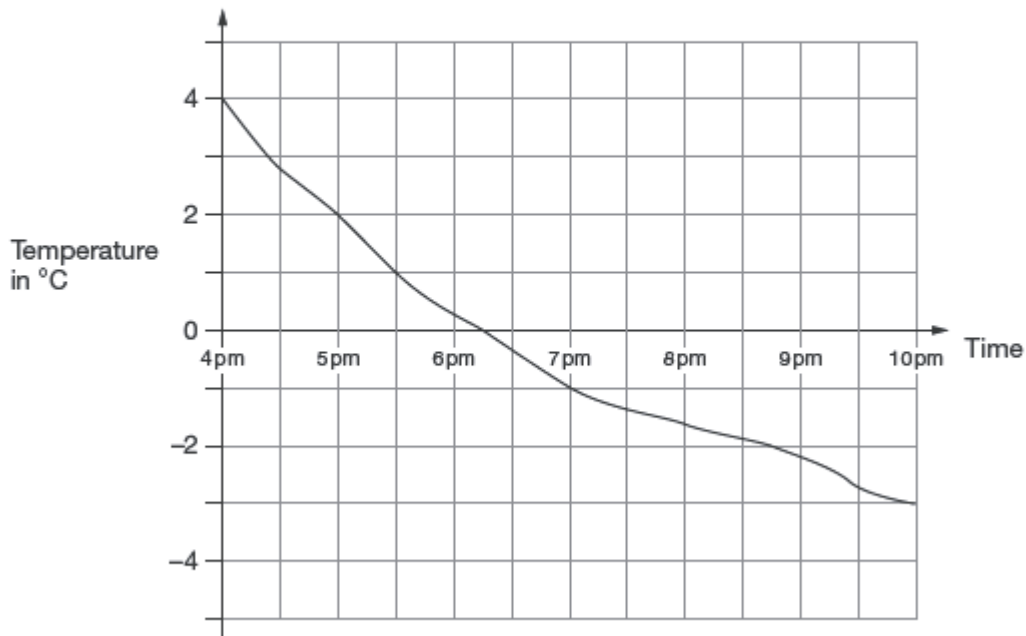
### **Extension**

Draw a table to show the temperature at each hour.

### Interpreting Line Graphs

17

This graph shows the outside temperature from 4pm to 10pm on a day in winter.



- a) What was the lowest temperature recorded on the chart?  $-3^{\circ}\text{C}$
- b) By how much did the temperature decrease in the first hour?  $2^{\circ}\text{C}$
- c) At what time did the temperature reach freezing point? 6:15pm
- d) How far did the temperature drop between 4pm and 10pm?  $7^{\circ}\text{C}$
- e) Estimate the temperature at 7.30. Between  $-1.2^{\circ}\text{C}$  and  $-1.5^{\circ}\text{C}$
- f) Estimate the time when the temperature was exactly -2. 8:45pm
- g) For how long was the temperature below 0? 3 hours 45 minutes
- h) During which hour did the temperature fall by 2 degrees? 4pm to 5pm

## Extension

Draw a table to show the temperature at each hour.

Time	Temperature
4pm	4°C
5pm	2°C
6pm	Answers between 0.2°C and 0.5°C
7pm	-1°C
8pm	Answers between -1.5°C and -1.8°C
9pm	Answers between -2.1°C and -2.4°C
10pm	-3°C