**Interpreting Line graphs**

Chart, line chart

Description automatically generated

Chart, line chart, scatter chart

Description automatically generated

Chart, line chart

Description automatically generated

Interpreting Line Graphs

Chart, line chart

Description automatically generated

a) What was the lowest temperature recorded on the chart?

b) By how much did the temperature decrease in the first hour?

c) At what time did the temperature reach freezing point?

d) How far did the temperature drop between 4pm and 10pm?

e) Estimate the temperature at 7.30.

f) Estimate the time when the temperature was exactly -2.

g) For how long was the temperature below 0?

h) During which hour did the temperature fall by 2 degrees?

**Extension**

Draw a table to show the temperature at each hour.

**Answers**

1a) 18°C b) 30 seconds c) 3°C

2) Between 13:00 and 14:00 (could also accept 13:00)

Sunflower

1. 17 days 2. 9cm 3. The plant hadn’t sprouted yet

4. a) 2cm b) 10cm c) 20cm

4a) -3 b) 2°C c) 6:15 d) 7°C e) -1.3/-1.4

f) 8:45pm g) 3 hours and 45 minutes h) from 4 to 5pm

|  |  |
| --- | --- |
| 4pm | 4°C |
| 5pm | 2°C |
| 6pm | 0.2°C or 0.3°C |
| 7pm | -1 °C |
| 8pm | -1.5/-1.6 |
| 9pm | -2.2°C |
| 10pm | -3 |