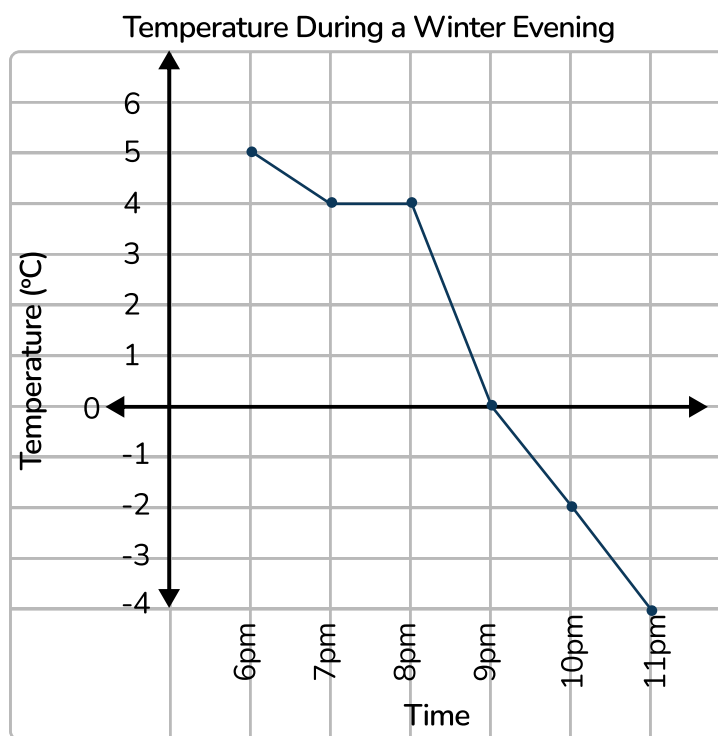


To know how to read and interpret line graphs

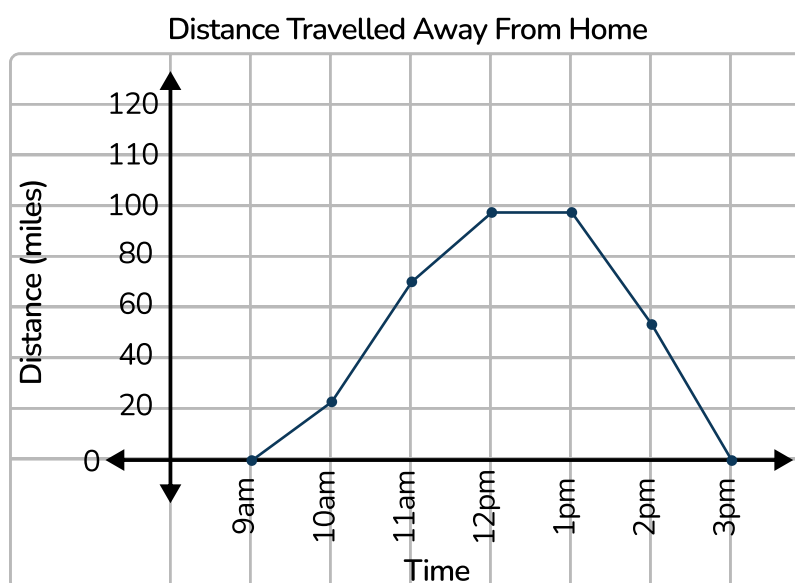
1



- What is the temperature at 10pm?
- What was the difference between the temperature at 6pm and 10pm?
- At which time was the temperature 0°C ?
- Estimate the time that the temperature was 2°C .
- Estimate the time that the temperature reached -1°C .

To know how to read and interpret line graphs

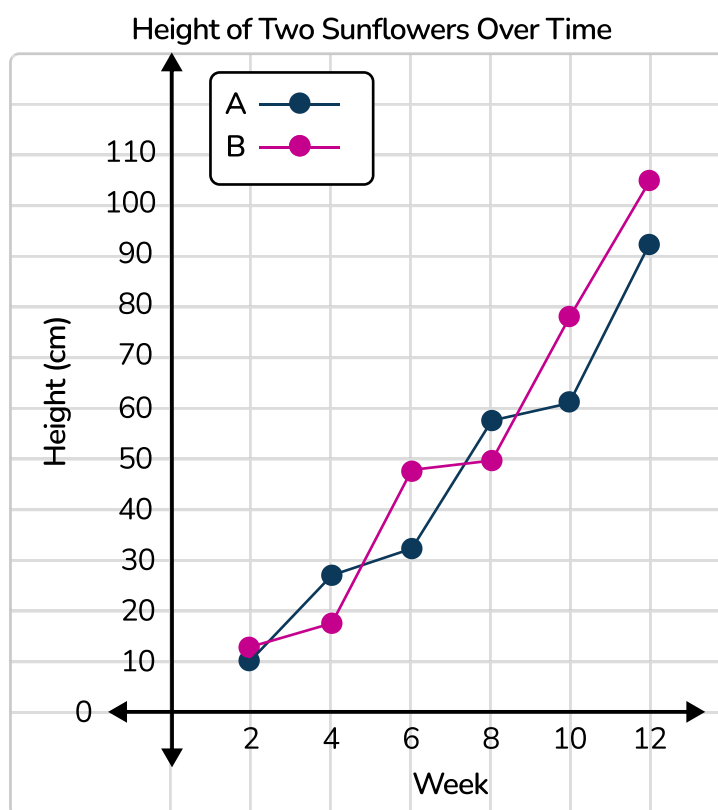
2



- a Approximately how far from home did the person travel?
- b Approximately how many kilometres did the person travel between 10am and 11am?
- c After a break, how many hours did it take the person to get home?
- d At approximately which times was the person 40km away from home?

To know how to read and interpret line graphs

3



- a Which sunflower grew the tallest in week 12 and by how much?
- b What is the difference in heights of the sunflowers in week 6?
- c How much did sunflower A grow between weeks 6 and 10?
- d How much did sunflower B grow between weeks 6 and 10?
- e Which sunflower grew the most between weeks 6 and 10, by how much?
- f A third sunflower is growing. It is 5cm taller than sunflower B in weeks 2, 4, 6, 8, 10 and 12. Show this on the graph.

To know how to read and interpret line graphs

Question Number	Question	Answer
1	a) What is the temperature at 10pm? b) What was the difference between the temperature at 6pm and 10pm? c) At which time was the temperature 0°C? d) Estimate the time that the temperature was 2°C. e) Estimate the time that the temperature reached -1°C.	a) -2°C b) 7°C c) 9pm d) Approximately 8:30pm e) Approximately 9:30pm
2	a) Approximately how far from home did the person travel? b) Approximately how many kilometres did the person travel between 10am and 11am? c) After a break, how many hours did it take the person to get home? d) At approximately which times was the person 40km away from home?	a) 96km (accept answers between 98km and 94km) b) 46km (10 a.m. is 24km and 11am is 70km.) c) 2 hours (break between 12pm and 1pm, returning home 1pm to 3pm) d) Approximately 10:30am and approximately 2:30pm
3	a) Which sunflower grew the tallest in week 12 and by how much? b) What is the difference in heights of the sunflowers in week 6? c) How much did sunflower A grow between weeks 6 and 10? d) How much did sunflower B grow between weeks 6 and 10? e) Which sunflower grew the most between weeks 6 and 10, by how much? f) Show the given information on the graph.	<i>Given answers are approximations, accept reasonable estimations.</i> a) Sunflower B by approximately 13cm b) Approximately 16cm c) Approximately 30cm d) Approximately 29cm e) Sunflower A by approximately 1cm f) Week 2: 18cm, week 4: 23cm, week 6: 53cm, week 8: 55cm, week 10: 84cm, week 12: 110cm