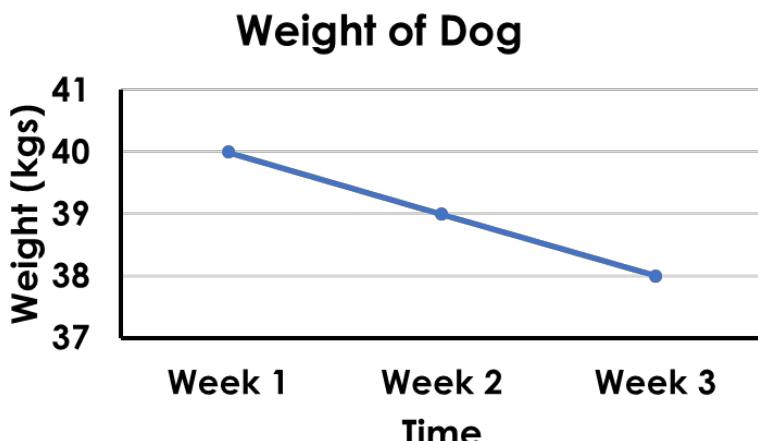


Introducing Line Graphs

1. Use the information in the line graph about an overweight dog losing weight to fill in all the blanks in the table.

Time (weeks)	Weight of dog (kgs)
1	
2	
3	



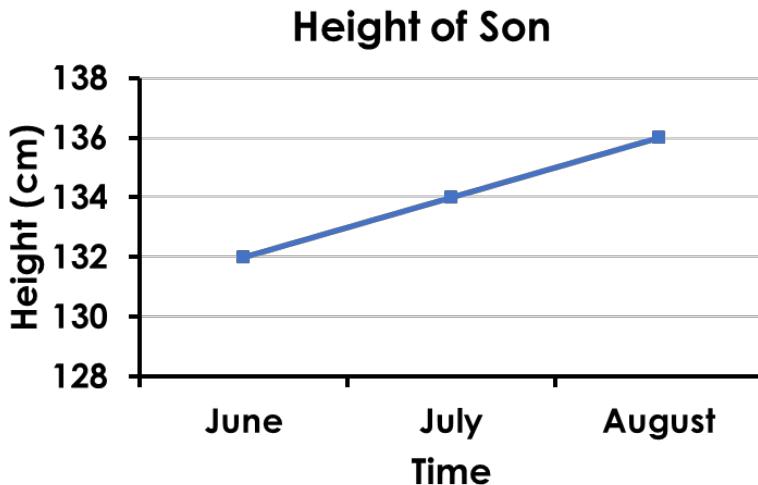
VF
HW/Ext

2. A dad is measuring his son's height to see how much he grows in three months.

- A. How tall is the son in August?
- B. How much does the son grow between June and July?
- C. How many centimetres does the son grow in total over the three months?

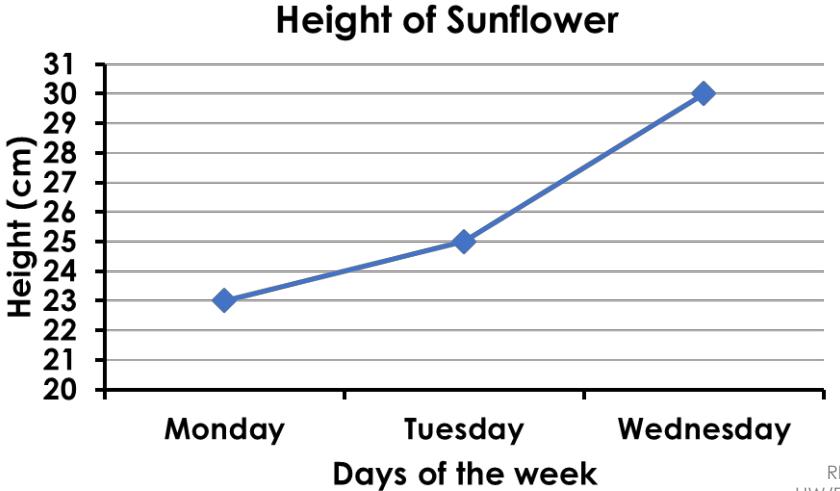


VF
HW/Ext



3. True or false? The information in this table has been correctly converted into a line graph. Class 4 are growing a sunflower. They measure and record its height each day. Explain your answer.

Day	Height
Monday	23cm
Tuesday	25cm
Wednesday	28cm

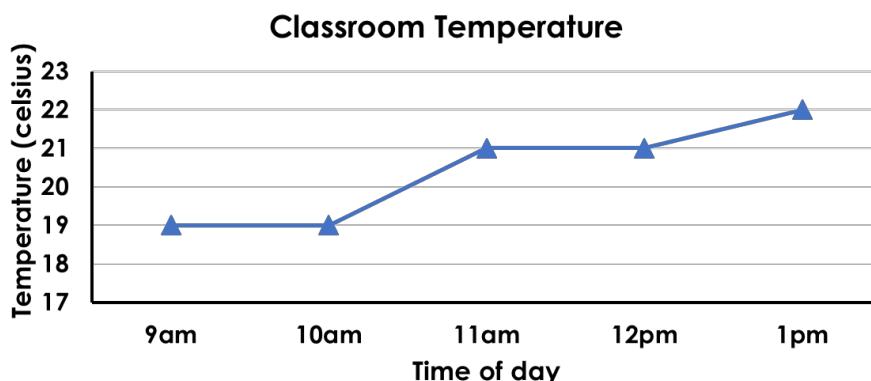


RPS
HW/Ext

Introducing Line Graphs

4. Use the information in the line graph about the temperature in a classroom to fill in all the blanks in the table.

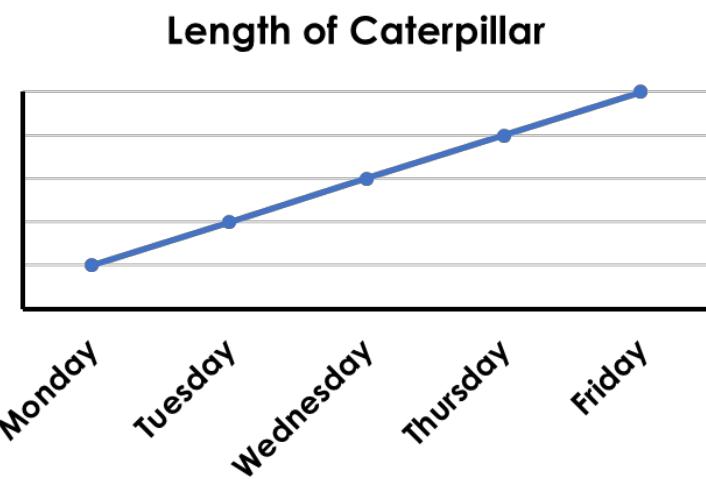
Time	Temp
9am	
10am	
11am	
12pm	
1pm	



VF
HW/Ext

5. A class are measuring the length of a caterpillar to see how much it grows in a week.

- How long was the caterpillar on Wednesday?
- How much did the caterpillar grow between Monday and Tuesday?
- How much did the caterpillar grow in total from Monday to Friday?

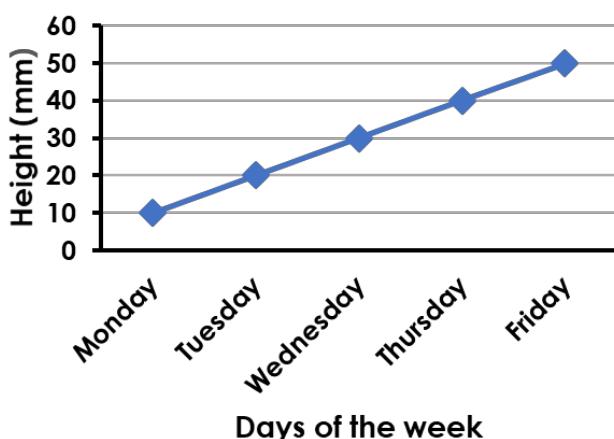


VF
HW/Ext

6. True or false? The information in this table has been correctly converted into a line graph. Class 4 are growing cress for a science investigation. They record its height each day. Explain your answer.

Height of Cress

Day	Height
Monday	10mm
Tuesday	20mm
Wednesday	40mm
Thursday	60mm
Friday	70mm

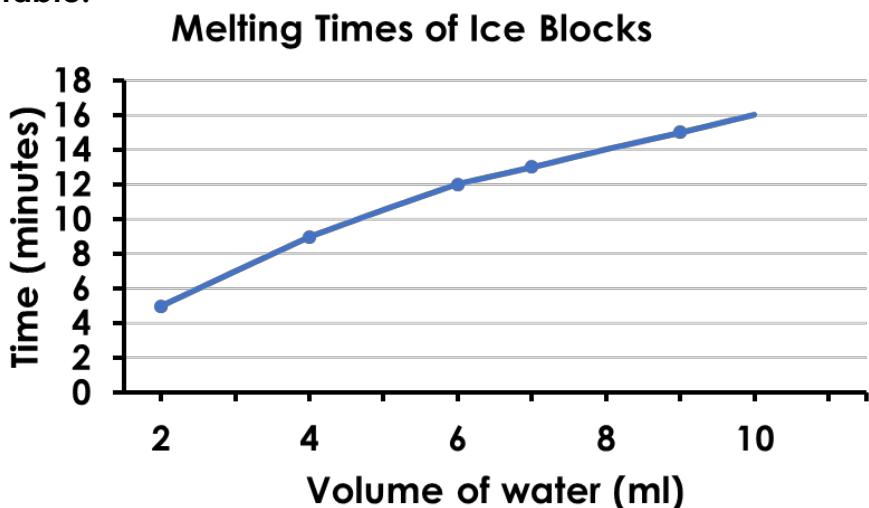


RPS
HW/Ext

Introducing Line Graphs

7. Use the information in the line graph about how long it takes a block of ice to melt to fill in all the blanks in the table.

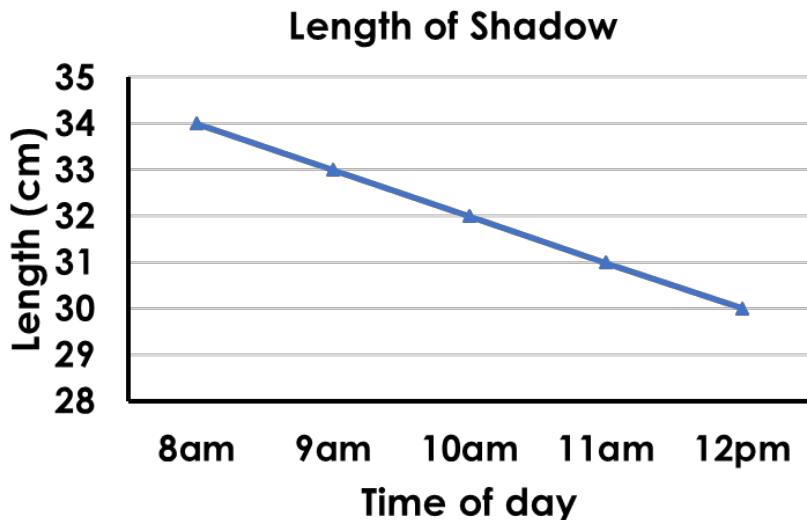
Water (ml)	Time (minutes)
2	
4	
6	
7	
9	



VF
HW/Ext

8. A class are measuring the length of the shadow of a 30cm ruler during a morning.

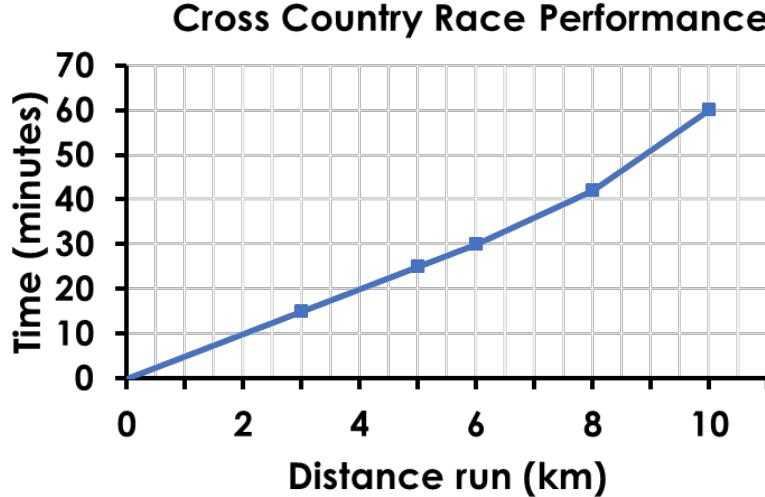
- A. How long was the shadow at 8.30am?
- B. What is the difference between the shortest and longest shadow?
- C. At what recorded time was the shadow longest?



VF
HW/Ext

9. True or false? The information in this table has been correctly converted into a line graph. The data shows how a cross country runner performed during a race. Explain your answer.

Distance (km)	Time (minutes)
3	10
5	20
6	30
8	40
10	60



RPS
HW/Ext