

1. These are the temperatures in towns cities on the same day.

Towns	Temperature (°C)
Leek	-8
Milton	12
Donhampton	-11
Redtown	7
Sandville	-16

- (a) Which town has the highest temperature?

.....
(1)

- (b) Which town has the lowest temperature?

.....
(1)

- (c) The temperature in Randalstown at the same time is 10°C colder than Leek

What is the temperature in Randalstown?

..... °C
(1)

2. The temperature, in °C, at midday at a weather station on 5 days was recorded

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Temperature	2	-1	-2	-5	3

- (a) Which day was the warmest?

.....
(1)

- (b) Which day was the coldest?

.....
(1)

3. The table shows the minimum and maximum daily temperatures in six cities in the USA in January.

City	Minimum °C	Maximum °C
New York	0°C	10°C
Los Angeles	8°C	18°C
Chicago	-4°C	8°C
Houston	11°C	20°C
Boston	-2°C	13°C
Anchorage	-12°C	-5°C

- (a) Which city recorded the lowest **minimum** temperature?

.....
(1)

- (b) What is the difference in °C between Boston's minimum and maximum temperature?

.....°C
(1)

- (c) What is the difference in °C between Anchorage's minimum and maximum temperature?

.....°C
(1)

4. Shown below is a list of cities and their elevations.

Location	Elevation
Georgetown	-2 metres
Amsterdam	-1 metre
Paris	34 metres
New Orleans	-2 metres
Salton City	-38 metres
Dublin	8 metres

- (a) List the cities that are below sea-level, 0 metres

.....
(2)

- (b) Which city has the lowest elevation?

.....
(1)

- (c) Which city has the highest elevation?

.....
(1)

- (d) Work out the difference in Georgetown's and Dublin's elevation.

.....m
(1)

5. (a) Work out the difference between -3°C and 4°C

..... $^{\circ}\text{C}$
(1)

At 5am the temperature is -6°C

By 2pm the temperature went up by 9°C

From 2pm to 11pm the temperature went down by 15°C

- (b) Work out the temperature at 11pm

..... $^{\circ}\text{C}$
(2)

-
6. Frome Rovers started a football season on -10 points.

Each win is worth 3 points.

Each draw is worth 1 point.

Each loss is worth 0 points.

Over the season, Frome Rovers won 11 matches, drew 6 matches and lost 3.

How many points did they finish with at the end of the season?

.....
(3)

7. Fiona is playing a game.



She throws 8 balls at a target, one at a time.
Each hit is worth 5 points.
Each miss is worth -3 points.

Fiona hits the target with 5 of the balls and misses with the rest.

- (a) How many points does Fiona score?

.....
(3)

Chris throws 9 balls at the target, one at a time.

- (b) Is it possible for Chris to score the same number of points as Fiona?

.....
(3)