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)

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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

.........................°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

.........................°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)