

Negatives in Real Life

- 1) At midnight, the temperature was -7°C .
 By 7am the next morning, the temperature had increased by 6°C .
 a) Work out the temperature at 7am the next morning.

At midday, the temperature was 3°C .

- b) Work out the difference between the temperature at midday and the temperature at midnight.
 c) Work out the temperature which is halfway between -7°C and 3°C .
- 2) The table below gives the temperature recorded on 25th December in 7 cities across the world.

City	Edinburgh	London	New York	Moscow	Paris	Rome	Cairo
Temperature	-6°C	0°C	-15°C	-23°C	3°C	5°C	18°C

- a) Which city recorded the lowest temperature?
 b) What is the difference in temperature between New York and Paris?
 c) What is the difference in temperature between Cairo and Edinburgh?
 d) The temperature in Madrid was 9°C lower than in Rome.
 What was the temperature in Madrid?
 e) The temperature in Mexico City was 6°C higher than in New York.
 What was the temperature in Mexico City?
- 3) The table shows the temperature on the surface of each of five planets.

Planet	Temperature
Venus	210°C
Jupiter	-150°C
Saturn	-180°C
Neptune	-210°C
Pluto	-230°C

- a) Work out the difference in temperature between Jupiter and Pluto.
 b) Work out the difference in temperature between Venus and Saturn.
 c) Which planet has a temperature 30°C lower than Saturn?

The temperature on Mars is 90°C higher than the temperature on Jupiter.

- d) Work out the temperature on Mars.