1 Rachel records the temperature in her garden at noon each day.

On Monday, the temperature was 5 °C.
On Tuesday, the temperature was 10° less than the temperature on Monday.
On Wednesday, the temperature was 3° greater than the temperature on Tuesday.

Find the difference between the temperature on Monday and the temperature on Wednesday.
You must show all your working.

Temperature : Monday = 5°C

Tuesday = 5°C - 10°C
= -5°C

Wednesday = -5°C + 3°C
= -2°C (1)

When 2 symbols meet :
(-)(-) = +
(-)(+) = −
(+)(+) = +
(+)(−) = −

Difference between Monday and Wednesday : 5°C - (-2°C)
= 5°C + 2°C
= 7°C (1)

7 ..... °C

(Total for Question 1 is 2 marks)