EXAMPLE

Read the table on the right and solve the problems.

a. Calculate the difference in temperature in Townsville from day to night.

Difference : -5 – (+12)
= -5 – 12 = -17

Answer : The difference in temperature is 17°C.

Town	Temperature	
	Day	Night
Townsville	12°C	-5°C
Pleasantville	15°C	-3°C

b. Determine the average night temperature in the 2 towns.

Average : (-5 + (-3)) ÷ 2 = -8 ÷ 2 = -4

Answer : The average night temperature in the 2 towns is -4°C.

c. Determine the change in temperature going from Townsville to Pleasantville at night.

Change : -3 – (-5) = -3 + 5 = +2

Answer : There is a rise of 2°C.

Solve the problems. Show your work.

① Bob states that one of the following statements is false. Is he correct?

A. 3 > 2 B. -3 < -2 C. 2 > -3 D. -2 < -3 E. 5 ≠ 4

Answer : _____

② On January 5th, Toronto's temperature dropped from -2°C by day to -10°C at night.

a. What was the temperature change from day to night?

Answer : _____

b. What was the temperature change from night to day?

Answer : _____

Remember the following rules :

a. (+A) + (-B) = A – B

b. (+A) – (-B) = A + B

c. (-A) + (-B) = -(A + B)

d. -(A) – (-B) = -A + B