

1.4 Perpuluhan Positif dan Negatif

1.4 Positive and Negative Integers

Selesaikan masalah berikut.

Solve the following problems.

1. Pekerja dalam sebuah firma mendapat RM9.50 satu jam untuk 40 jam yang pertama setiap minggu dan 1.5 kali kadar bayaran setiap jam untuk mana-mana jam bekerja lebih daripada 40 jam. Berapakah wang yang diperoleh seorang pekerja yang bekerja 52 jam dalam seminggu?

The employees in a firm earn RM9.50 an hour for the first 40 hours per week and 1.5 times the hourly rate for any hours worked over 40 hours. How much does an employee who works 52 hours in one week earn?

$$(\text{RM}9.50 \times \boxed{}) + [1.5 \times \text{RM}9.50 \times (\boxed{} - 40)]$$

$$= \text{RM}380 + (1.5 \times \text{RM}9.50 \times \boxed{})$$

$$= \text{RM}\boxed{} + \text{RM}171$$

$$= \text{RM}\boxed{}$$

2. Suhu di puncak dan di kaki gunung masing-masing ialah -9.8°C dan 6.4°C . Khairul berada di pertengahan gunung itu. Cari

The temperature at the top and the bottom of a mountain are -9.8°C and 6.4°C respectively. Khairul is at the halfway mark of the mountain. Find

- (a) perbezaan suhu di puncak dan di kaki gunung,
the difference in temperatures at the top and at the bottom of the mountain,

$$6.4\boxed{}(-9.8)$$

$$= 6.4 + 9.8$$

$$= \boxed{}^{\circ}\text{C}$$

(b) suhu di lokasi Khairul.

the temperature at Khairul's location.

$$(-9.8 + \boxed{}) \div 2$$

$$= -\boxed{} \div 2$$

$$= -\boxed{}^{\circ}\text{C}$$