

YEAR 6 MATHEMATICS INTERACTIVE WORKSHEET (SECTION B)

QUESTION 1

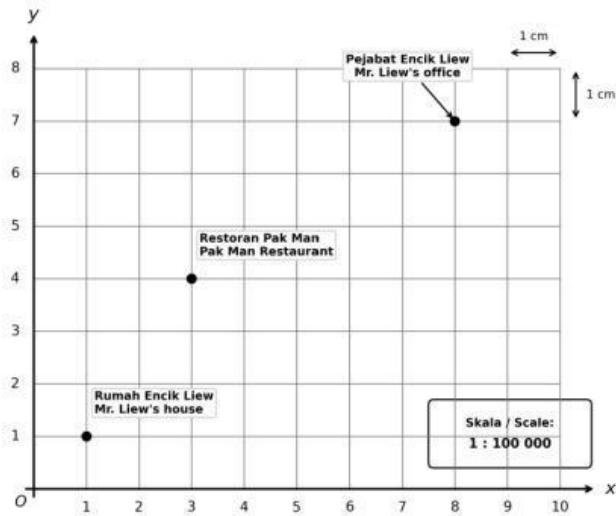


Diagram Shows the locations of Mr. Liew's house, Pak Man Restaurant, and Mr. Liew's office with scale 1 : 100 000)

a) What is the actual horizontal distance between Mr. Liew's house and Pak Man Restaurant?

- A) 2 km
- B) 3 km
- C) 4 km
- D) 5 km

b) What is the actual vertical distance between Pak Man Restaurant and Mr. Liew's office?

- A) 2 km
- B) 3 km
- C) 4 km
- D) 5 km

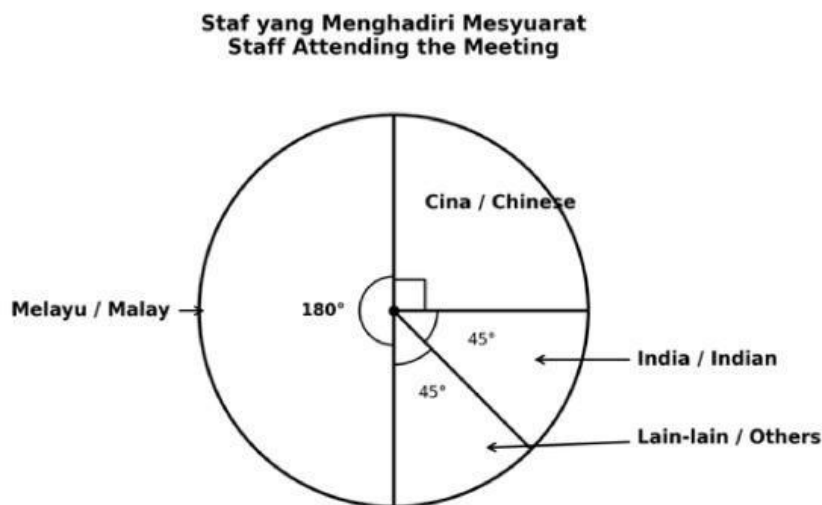
c) The table below shows the prices of food and drinks ordered by Mr. Liew:

Item	Quantity	Harga seunit / Unit price
Sandwic tuna / Tuna sandwich	2	RM5.50
Kopi / Coffee	1	RM4.00

The service tax charged is 6%. Calculate the total amount that needs to be paid by Mr. Liew.

- A) RM15.00
- B) RM15.60
- C) RM15.90
- D) RM16.00

d) Mr. Liew conducted a sales planning meeting. The pie chart below shows the attendance of Mr. Liew's staff.



Given that 12 Malay staff attended the meeting. Calculate the difference between the number of Malay staff and Indian staff.

- [A] 3 staff
- B) 6 staff
- C) 9 staff
- D) 12 staff

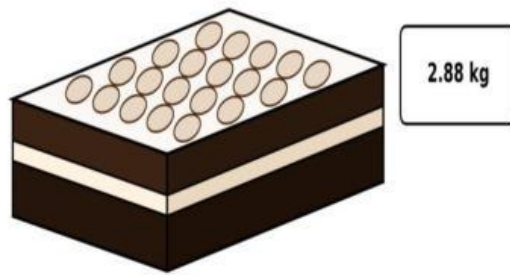
- e) Mr. Liew attended a teleconference with a client in Seoul. The teleconference started at 11:30 a.m. Kuala Lumpur time and the duration was 2 hours 40 minutes. Given that Seoul is 1 hour ahead of Kuala Lumpur. Calculate the end time of the teleconference in Seoul in the 24-hour system.
- A) 1410 hours
 - B) 1510 hours
 - C) 1530 hours
 - D) 1610 hours

QUESTION 2

Types of free buns available at Hasnah's cake shop:

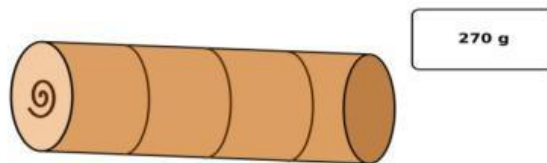
Jenis ban / <i>Type of bun</i>	Kuantiti / <i>Quantity</i>
Ban tuna / <i>Tuna bun</i>	18
Ban kari / <i>Curry bun</i>	3
Ban sambal ikan bilis / <i>Anchovy sambal bun</i>	1

- a) Siti gets a red bean bun at random. State the likelihood for this event.
- A) Impossible
 - B) Less likely
 - C) Equally likely
 - D) More likely
- b) What is the likelihood that Siti gets a tuna bun?
- A) Less likely
 - B) Equally likely
 - C) More likely
 - D) Certain



c) Madam Yong asked Hasnah to cut a 2.88 kg chocolate cake into several equal pieces. Given that the mass of a piece of cake is 0.24 kg. Calculate the number of pieces of cake obtained.

- A) 10 pieces
- B) 12 pieces
- C) 14 pieces
- D) 16 pieces



d) A 270 g Swiss roll is cut into 4 pieces with lengths of 5 cm, 3 cm, 4 cm, and 6 cm respectively. Madam Kamala ate the smallest piece while her child ate the largest piece. Calculate the difference in mass between the Swiss roll eaten by Madam Kamala and her child.

- A) 15 g
- B) 30 g
- C) 45 g
- D) 60 g

e) The ratio of the number of pandan egg tarts to Portuguese egg tarts Mr. Wong wants to buy is 2 : 7. The shop has 12 pandan egg tarts and 25 Portuguese egg tarts. If Mr. Wong buys 6 pandan egg tarts, does Hasnah have enough Portuguese egg tarts for him?

- A) Yes, because he only needs 14 Portuguese egg tarts.
- B) Yes, because he only needs 21 Portuguese egg tarts.
- C) No, because he needs 28 Portuguese egg tarts.
- D) No, because he needs 35 Portuguese egg tarts.