

[60 markah]

[60 marks]

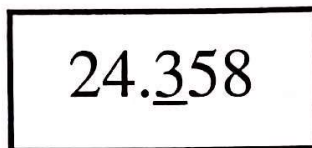
*Jawab semua soalan.**Answer all questions.*

1 Soalan ini tentang nombor perpuluhan.

*This question is about decimal number.*

(a) Rajah 1 menunjukkan sekeping kad nombor.

*Diagram 1 shows a number card.*



Rajah 1

*Diagram 1*

Nyatakan nilai tempat bagi digit yang bergaris.

[1 markah]

*State the place value of the underlined digit.*

[1 mark]

per sepuluh .....

(b) Tukar  $9\frac{23}{1000}$  kepada nombor perpuluhan.

[1 markah]

*Convert  $9\frac{23}{1000}$  to a decimal number.*

[1 mark]

9.023 .....

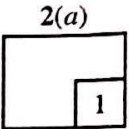
- 2 Elyana ada 60 biji guli. Semua guli itu dia masukkan sama banyak ke dalam 5 bekas. Setiap bekas ada 12 biji guli.

*Elyana has 60 marbles. She puts all the marbles equally into 5 containers. Each container has 12 marbles.*

- (a) Tulis ayat matematik yang betul bagi mewakili pernyataan itu. [1 markah]

*Write a correct number sentence to represent the statement.* [1 mark]

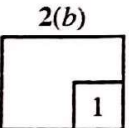
$60 \div 5 = 12$



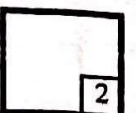
- (b) Tulis nisbah bilangan guli di dalam satu bekas kepada jumlah bilangan semua guli. [1 markah]

*Write the ratio of the number of marbles in one container to the total number of all marbles.* [1 mark]

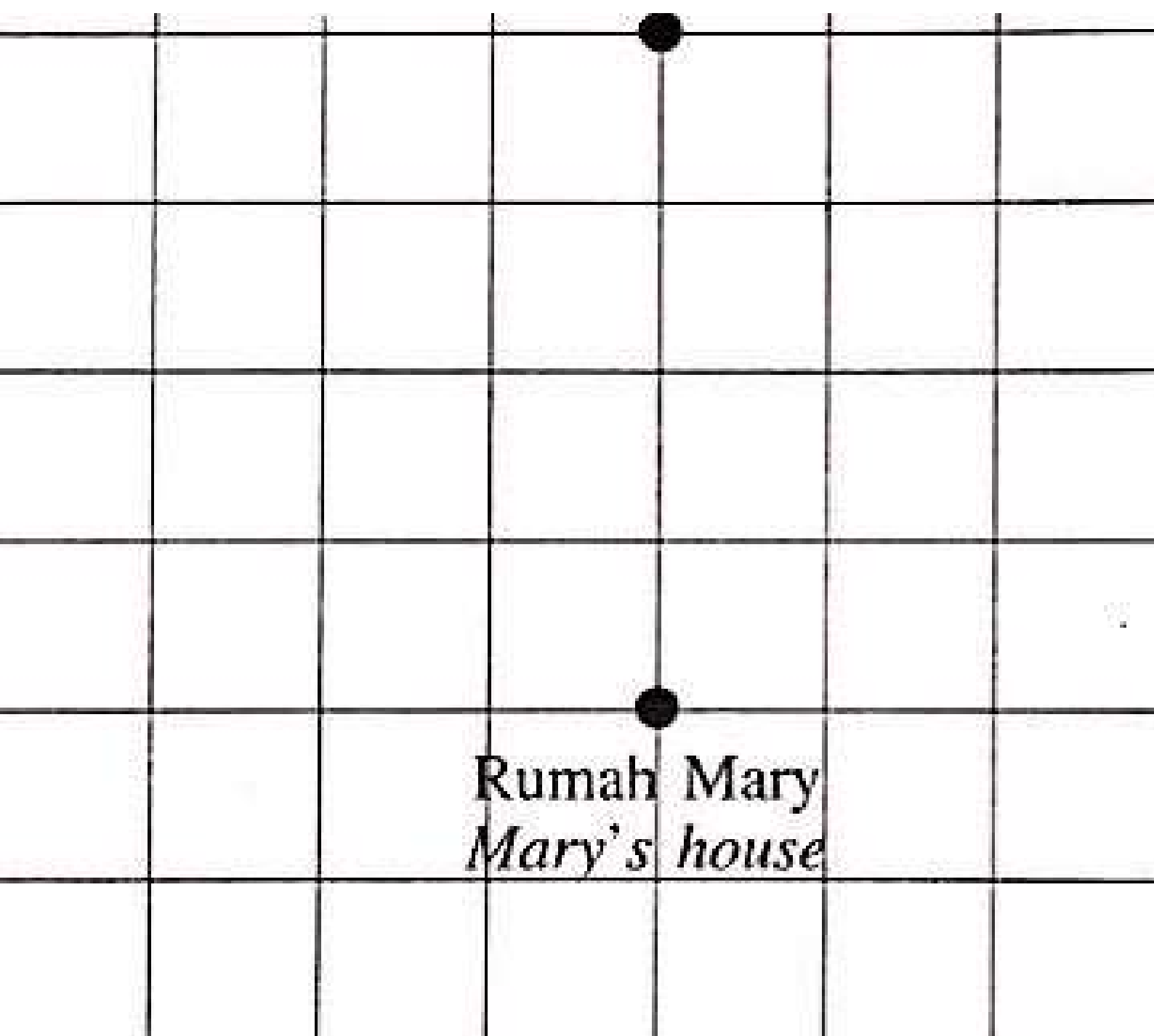
$12 : 60 = 1 : 5$



Jumlah  
2



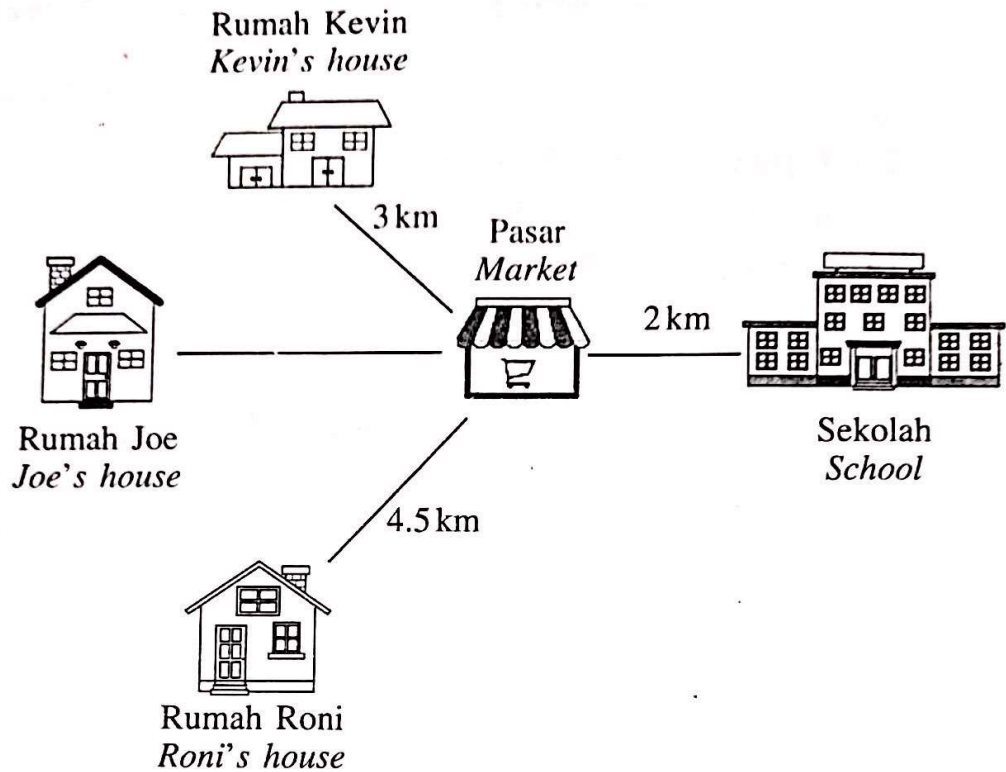
[Lihat halaman sebelah  
SULIT



Rumah Mary  
*Mary's house*

- 4 Rajah 2 menunjukkan kedudukan rumah Kevin, Joe dan Roni dari sekolah melalui pasar.

*Diagram 2 shows the location of Kevin's, Joe's and Roni's houses from school via market.*



Rajah 2

Diagram 2

- (a) Jarak rumah Joe ke sekolah adalah 0.7 km lebih jauh daripada jarak rumah Kevin ke sekolah melalui pasar.

Berapakah jarak, dalam km, rumah Joe ke sekolah melalui pasar?

[2 markah]

*The distance of Joe's house to school is 0.7 km further than the distance of Kevin's house to school via the market.*

*What is the distance, in km, of Joe's house to school via the market?*

[2 marks]

$$\begin{array}{r}
 3.0 \text{ km} \\
 0.7 \text{ km} \\
 + 2.0 \text{ km} \\
 \hline
 5.7 \text{ km}
 \end{array}$$

- (b) Setiap hari Rabu, Roni berulang alik ke sekolah sebanyak 3 kali bagi mengikuti aktiviti sekolah.

Tunjukkan pengiraan kamu bagi membuktikan jumlah jarak perjalanan Roni adalah 39 km. [3 markah]

*Every Wednesday, Roni goes to school to and fro 3 times to attend school activities.*

*Show your working to prove that the total distance which Roni has travelled is 39 km.* [3 marks]

$$\begin{array}{r} \text{Jarak pergi} \\ 4.5 \text{ km} \\ + 2.0 \text{ km} \\ \hline 6.5 \text{ km} \end{array}$$

$$\begin{array}{r} \text{Jarak pergi-balik 3 kali} \\ 6.5 \text{ km} \\ \times 6 \\ \hline 39.0 \text{ km} \end{array}$$

Terbukti jumlah jarak adalah 39 km

Hari Day	Bilangan durian yang dijual Number of durians sold
Isnin Monday	378
Selasa Tuesday	410

Jadual 1

Table 1

Hitung bilangan durian yang masih ada.

[3 markah]

Calculate the number of remaining durians.

[3 marks]

<p>Yang dijual:</p> $\begin{array}{r} 378 \\ + 410 \\ \hline 788 \end{array}$	<p>Durian yang masih ada:</p> $\begin{array}{r} 8 \text{ } 14 \text{ } 1 \\ 950 \\ - 788 \\ \hline 162 \end{array}$
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- 6 (a) Dalam sebuah kotak terdapat kad berwarna biru, merah dan kuning. Amir memilih sekeping kad secara rawak daripada kotak itu.

Apakah kebolehjadian Amir memilih sekeping kad berwarna hijau?

[1 markah]

*There are blue, red and yellow cards in a box. Amir chooses a card randomly from that box.*

*What is the likelihood that Amir chooses a green card?*

[1 mark]

Mustahil

.....

- (b) Harga sebuah basikal di kedai ialah RM180. Kedai itu memberi diskaun sebanyak 20% kepada bapa Adam.

Hitung harga yang dibayar oleh bapa Adam. [2 markah]

*The price of a bicycle in a shop is RM180. The shop gives 20% discount to Adam's father.*

*Calculate the price paid by Adam's father.* [2 marks]

$$100\% - 20\% = 80\%$$

Harga yang dibayar:

$$\frac{80}{100} \times \text{RM}180$$

$$= \text{RM}144$$

6(b)

2
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Jumlah

6

3
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<b>Waktu siaran <i>Show time</i></b>	<b>Rancangan <i>Programme</i></b>
6.00 a.m.	Negaraku
6.30 a.m.	Bicara Pagi
7.00 a.m.	Berita Nasional
8.00 a.m.	Panorama
8.45 a.m.	Adikku Sayang
9.00 a.m.	Ninja Turtle

Rajah 3  
*Diagram 3*

(a) Nyatakan satu rancangan yang disiarkan selama 1 jam.

[1 markah]

*State a programme that is aired for 1 hour.*

[1 mark]

Berita Nasional

- (c) Sepanjang rancangan Bicara Pagi, iklan disiarkan beberapa kali. Jumlah masa iklan-iklan disiarkan ialah 3 minit. Tempoh masa setiap iklan disiarkan ialah 45 saat.

Berapa kalikah iklan disiarkan sepanjang rancangan itu? [2 markah]

*During Bicara Pagi programme, advertisements are aired for several times. The total time of the advertisements aired is 3 minutes. Duration of each advertisement aired is 45 seconds.*

*How many times the advertisements aired throughout that programme?* [2 marks]

$$3 \text{ minit} = 180 \text{ saat}$$

Bilangan iklan:

$$\begin{array}{r} 45 \overline{)180} \quad 4 \text{ kali} \\ \underline{-180} \\ 0 \end{array}$$

T	3.07 l
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Jadual 2

Table 2

- (a) Hitung jumlah isi padu susu dalam ketiga-tiga bekas itu. [2 markah]

Calculate the total volume of milk in the three containers. [2 marks]

$$\begin{array}{r}
 2.50 \text{ l} \\
 0.75 \text{ l} \\
 + 3.07 \text{ l} \\
 \hline
 6.32 \text{ l}
 \end{array}$$

- (b) Jumlah isi padu susu dalam bekas R dan bekas S dituang sama banyak ke dalam 5 botol.

Hitung isi padu susu dalam setiap botol. [2 markah]

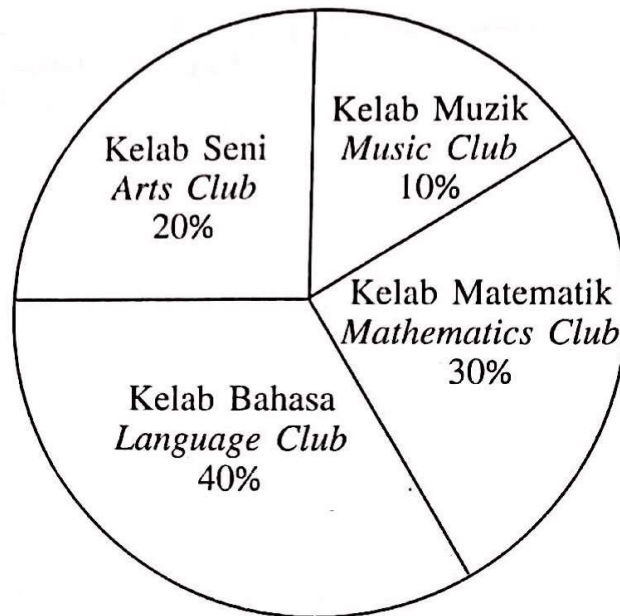
The total volume of milk in containers, R and S is poured equally into 5 bottles.

Calculate the volume of milk in each bottle. [2 marks]

$$\begin{array}{r|l}
 2.50 \text{ l} & 0.65 \text{ l} \\
 + 0.75 \text{ l} & 5 \overline{) 3.25 \text{ l}} \\
 \hline
 3.25 \text{ l} & \underline{-0} \\
 & \underline{32} \\
 & \underline{-30} \\
 & 25 \\
 & \underline{-25} \\
 & 0
 \end{array}$$

- 9 Carta pai menunjukkan peratusan murid mengikut kelab di sebuah sekolah. Jumlah murid di sekolah itu ialah 500 orang.

*The pie chart shows the percentage of pupils according to clubs in a school. The total number of pupils in the school is 500.*



- (a) Tulis nama kelab yang mempunyai paling ramai ahli. [1 markah]

*Write the name of club with the most members.*

[1 mark]

Kelab Bahasa

- (b)  $\frac{3}{5}$  daripada ahli Kelab Matematik ialah murid lelaki.

Hitung bilangan murid lelaki dalam Kelab Matematik.

[3 markah]

$\frac{3}{5}$  of Mathematics Club's members are boys.

Calculate the number of boys in the Mathematics Club.

[3 marks]

$$\text{Ahli Kelab Matematik} \quad \left| \quad \frac{3}{5} \times 150 = 90 \right.$$

$$\frac{30}{100} \times 500 = 150$$

<b>Nilai belian</b> <i>Purchase value</i>	<b>Derma kepada rumah kebajikan</b> <i>Donation to the welfare home</i>
Setiap RM1 000 <i>Every RM1 000</i>	RM40
Lebih daripada RM3 000 <i>More than RM3 000</i>	Tambahan RM50 <i>Extra RM50</i>

Jadual 3

*Table 3*

(a) Hitung jumlah derma bagi pembelian berharga RM2 150. [2 markah]

*Calculate the amount of donation for the purchase value of RM2 150.*

[2 marks]

$$\begin{array}{r}
 \text{RM } 40 \\
 + \text{ RM } 40 \\
 \hline
 \text{RM } 80 \\
 \hline
 \end{array}$$

- (b) Kedai barangan elektrik itu telah menderma sebanyak RM210 kepada sebuah rumah kebajikan.

Hitung anggaran nilai jualan barangan elektrik yang terjual di kedai itu.  
[3 markah]

*The electrical appliances shop has donated RM210 to a welfare home.*

*Calculate the estimated value of sold electrical appliances in the shop.*  
[3 marks]

$$RM210 = \overset{\textcircled{1}}{\boxed{RM40}} + \overset{\textcircled{2}}{\boxed{RM40}} + \overset{\textcircled{3}}{\boxed{RM40}} + \overset{\textcircled{4}}{\boxed{RM40}} + RM50$$

RM40 = nilai belian RM1000

Anggaran jualan :

$$\begin{array}{r} RM1000 \\ \times \quad 4 \\ \hline RM4000 \end{array}$$

Anggaran jualan =  
RM4000 hingga RM4999

Jenis mesin <i>Type of machine</i>	Bilangan cetakan <i>Number of printing</i>	Masa mencetak <i>Printing time</i>
Zen	1 000	1 jam 1 hour
Ken	600	30 minit 30 minutes

Jadual 4

Table 4

- (a) Hitung beza bilangan kad ucapan yang dapat dicetak dalam masa 1 jam antara mesin pencetak Zen dengan mesin pencetak Ken. [2 markah]

*Calculate the difference in the number of greeting cards printed in 1 hour between printing machines, Zen and Ken.* [2 marks]

<p>Cetakan Ken</p> $\begin{array}{r} 600 \\ \times 2 \\ \hline 1200 \end{array}$	<p>Beza:</p> $\begin{array}{r} 1200 \\ - 1000 \\ \hline 200 \end{array}$
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- (b) Mesin pencetak yang manakah dapat mencetak kad ucapan yang lebih banyak dalam 1 jam? [1 markah]

*Which printing machine can print more greeting cards in 1 hour?*

[1 mark]

Penretak Ken

- (c) Sejumlah 3000 keping kad ucapan perlu dicetak menggunakan mesin pencetak Zen.

Berapa lamakah masa yang diperlukan untuk mencetak semua kad ucapan itu? [2 markah]

*A number of 3000 greeting cards need to be printed using Zen printing machine.*

*How long does it take to print all the greeting cards?* [2 marks]

$$\begin{array}{r} 3 \text{ jam} \\ 1000 \overline{) 3000} \\ \underline{- 3000} \\ 0 \end{array}$$



Buah kurma <i>Dates</i>	Jisim <i>Mass</i>	Harga <i>Price</i>
R	100 g	RM16
S	1 kg	RM48

Jadual 5

Table 5

(a) Hitung harga bagi 500 g buah kurma R.

[2 markah]

*Calculate the price of 500 g, dates R.*

[2 marks]

$$\begin{array}{r}
 \text{RM } 16 \\
 \times \quad 5 \\
 \hline
 \text{RM } 80
 \end{array}$$

(b) Zetty membeli buah kurma R dengan harga RM160 dan buah kurma S dengan harga RM240.

Hitung jumlah jisim buah kurma yang dibeli oleh Zetty.

[3 markah]

*Zetty bought dates R for RM160 and dates S for RM240.*

*Calculate the total mass of dates bought by Zetty.*

[3 marks]

Kurma R $  \begin{array}{r}  10 \\  16 \overline{)160} \\  \underline{-16} \\  0 \\  \underline{-0} \\  0  \end{array}  $	Jisim R $  \begin{array}{r}  100 \text{ g} \\  \times 10 \\  \hline  1000 \text{ g} \\  = 1 \text{ kg}  \end{array}  $	Kurma S $  \begin{array}{r}  5 \\  48 \overline{)240} \\  \underline{-240} \\  0  \end{array}  $	Jisim S $1 \times 5 = 5 \text{ kg}$	Jumlah jisim $1 + 5 = 6 \text{ kg}$
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- 13 Jumlah gaji bulanan Kamal dan Salina, suami isteri ialah RM5 600. Gaji bulanan Salina adalah  $\frac{3}{4}$  daripada gaji bulanan Kamal.

*The total monthly salary of Kamal and Salina, husband and wife is RM5 600. Salina's monthly salary is  $\frac{3}{4}$  of Kamal's salary.*

- (a) Suami isteri itu menyimpan 10% daripada jumlah gaji bulanan mereka.

Hitung jumlah simpanan mereka bagi 6 bulan.

[3 markah]

*The husband and wife save 10% of their monthly total salary.*

*Calculate their total savings for 6 months.*

[3 marks]

$$\frac{10}{100} \times \text{RM } 5600 = \text{RM } 560$$

RM 560
x       6
RM 3360

- (b) Hitung gaji bulanan Salina.

[2 markah]

*Calculate the monthly salary of Salina.*

[2 marks]

Salina	□ □ □	}	RM 5 600
Kamal	□ □ □ □		

$\begin{array}{r} \text{RM } 800 \\ 7 \overline{) \text{RM } 5600} \\ \underline{-56} \\ 0 \\ \underline{-0} \\ 0 \\ \underline{-0} \\ 0 \end{array}$	<p>Gaji Salina</p> $\begin{array}{r} \text{RM } 800 \\ \times \quad 3 \\ \hline \text{RM } 2400 \end{array}$
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Jadual 6

Table 6

(a) Hitung peratusan murid yang hadir pada hari itu.

[3 markah]

*Calculate the percentage of the pupils present on that day.*

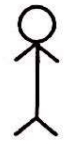
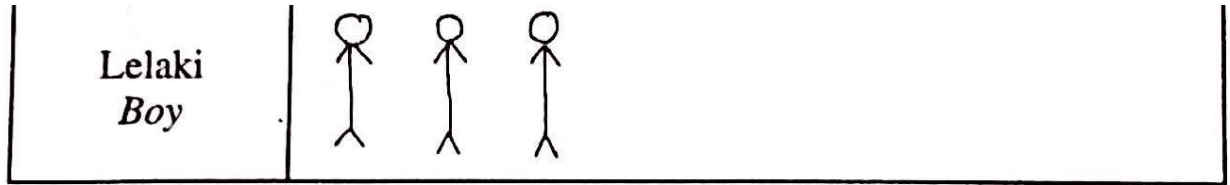
[3 marks]

Jumlah murid hadir:

$$\begin{array}{r} 18 \\ + 25 \\ \hline 43 \end{array}$$

Peratus murid hadir:

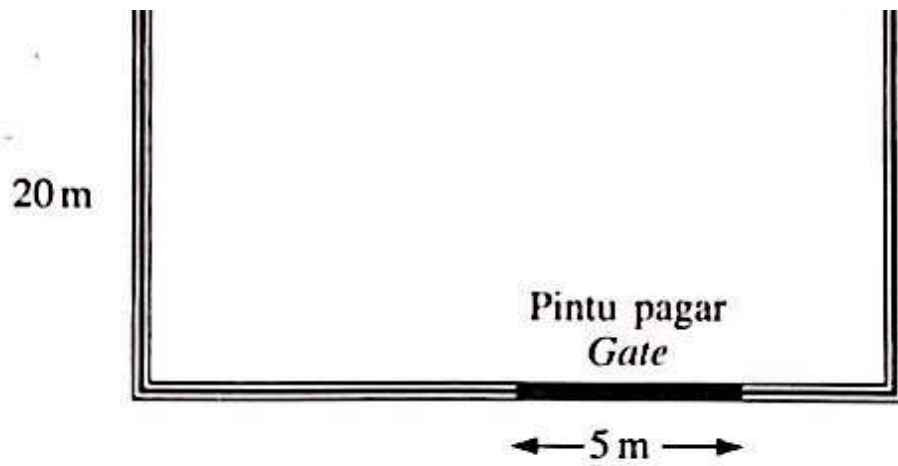
$$\frac{43}{50} \times 100\% = 86\%$$



mewakili 5 orang murid  
*represents 5 pupils*

$$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array} = 15$$

15 bahagi 5 = 3



Rajah 4  
Diagram 4

(a) Hitung luas tanah itu.

[2 markah]

Calculate the area of the land.

[2 marks]

$$\begin{aligned}\text{Luas} &= \text{panjang} \times \text{lebar} \\ &= 40 \text{ m} \times 20 \text{ m} \\ &= 800 \text{ m}^2\end{aligned}$$

(b) Kontraktor S menawarkan harga RM80 semeter bagi memagar tanah itu.

Hitung jumlah harga yang dibayar kepada kontraktor itu. [3 markah]

*Contractor S offers RM80 per metre to enclose the land with a fence.*

*Calculate the total price paid to the contractor.*

[3 marks]

$$\begin{aligned} \text{Panjang pagar} &= 40 \text{ m} + 20 \text{ m} + 20 \text{ m} + 40 \text{ m} - 5 \text{ m} \\ &= 115 \text{ m} \end{aligned}$$

Jumlah harga :

$$\begin{array}{r} 115 \\ \times 80 \\ \hline \text{RM } 9200 \end{array}$$

**KERTAS PEPERIKSAAN TAMAT**  
**END OF QUESTION PAPER**