

Jawapan

Praktis 12

Praktis Formatif

- Jumlah jualan bagi kantin *H*
Total sales by canteen H
 $= \text{RM}(40 \times 0.60 + 60 \times 0.80)$
 $= \text{RM}72$
 Jumlah jualan bagi kantin *K*
Total sales by canteen K
 $= \text{RM}(30 \times 0.60 + 50 \times 0.80)$
 $= \text{RM}58$
 Beza jualan antara dua buah kantin
Difference in sales between the two canteens
 $= \text{RM}72 - \text{RM}58$
 $= \text{RM}14$
 Jawapan/*Answer: A*
- Bilangan jualan peti sejuk dalam bulan Februari
Number of refrigerators sold in February
 $= 5 \times 3$
 $= 15$
 Jumlah bilangan jualan peti sejuk dalam tiga bulan
Total number of refrigerators sold in three months
 $= (2 + 5 + 3) \times 3$
 $= 30$
 Nisbah/*Ratio*
 $= 15 : 30$
 $= 1 : 2$
 Jawapan/*Answer: D*
- (a) Data kategori/*Categorical data*
 (b) Data numerik/*Numerical data*
- (a) Data kategori/*Categorical data*
 (b)

Negeri/ <i>State</i>	Kekerapan/ <i>Frequency</i>
Selangor	74
Pulau Pinang	60
Perak	48
Kelantan	43
Johor	35

- (a) Data numerik/*Numerical data*

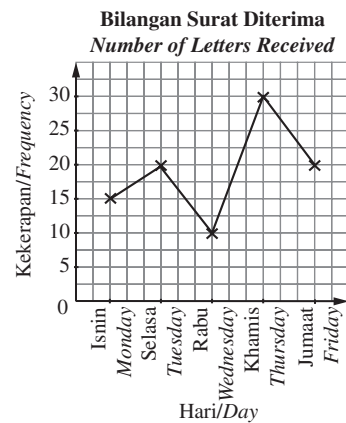
Bilangan item <i>Number of items</i>	Tanda gundal <i>Tally mark</i>	Kekerapan <i>Frequency</i>
1		3
2		5
3		3
4		6
5		3

Wang (RM) <i>Money (RM)</i>	Kekerapan <i>Frequency</i>
1	6
5	2
8	5
10	8
15	4

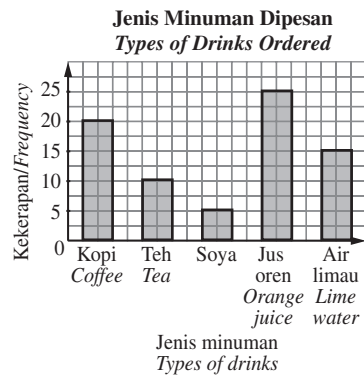
7 (a) Isnin <i>Monday</i>	
Selasa <i>Tuesday</i>	
Rabu <i>Wednesday</i>	
Khamis <i>Thursday</i>	
Jumaat <i>Friday</i>	

mewakili 5 pucuk surat
represents 5 letters

(b)



8



- (a) Jumlah perbelanjaan

Total expenses
= RM3 000
Makanan/ Food:
 $\frac{1\ 200}{3\ 000} \times 360^\circ = 144^\circ$

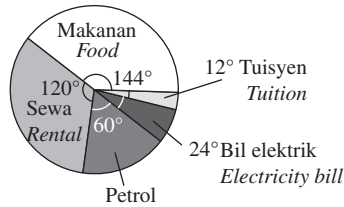
Sewa/ Rental:
 $\frac{1\ 000}{3\ 000} \times 360^\circ = 120^\circ$

Petrol:
 $\frac{500}{3\ 000} \times 360^\circ = 60^\circ$

Bil elektrik/ Electricity bill:
 $\frac{200}{3\ 000} \times 360^\circ = 24^\circ$

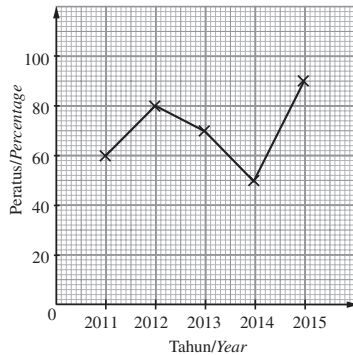
Tuisyen/ Tuition:
 $\frac{100}{3\ 000} \times 360^\circ = 12^\circ$

(b) **Perbelanjaan Keluarga Zaidi**
Expenses of Zaidi's Family



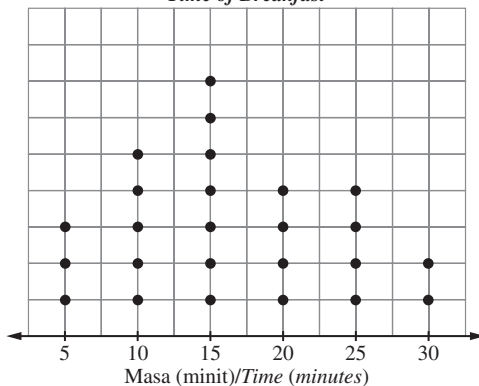
10

Peratus Murid Lulus Matematik
Percentage of Students who Passed Mathematics



11

Masa Bersarapan
Time of Breakfast



12 **Markah Ujian Bahasa Inggeris**
Marks of English Test

Batang/Stem	Daun/Leaf
4	3 5 7
5	6 8
6	0 2 6
7	1 4 4 5 7
8	4 7 9

Kekunci: 5|6 bermakna 56 markah
Key: 5|6 means 56 marks

13 **Harga Kasut Sekumpulan Kanak-Kanak**
Prices of Shoes of a Group of Children

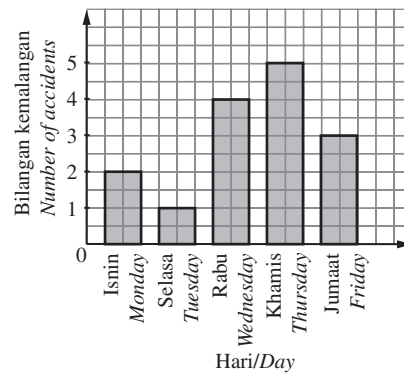
Batang/Stem	Daun/Leaf
12	40 80
17	30 50 80
20	10 20 50
25	00 40 40 80

Kekunci: 20|20 bermakna RM20.20
Key: 20|20 means RM20.20

14 (a) ✓ (b) ✓ (c) ✓

15

Kemalangan Berlaku di atas Jambatan Pulau Pinang
Accidents which Occurred on the Penang Bridge

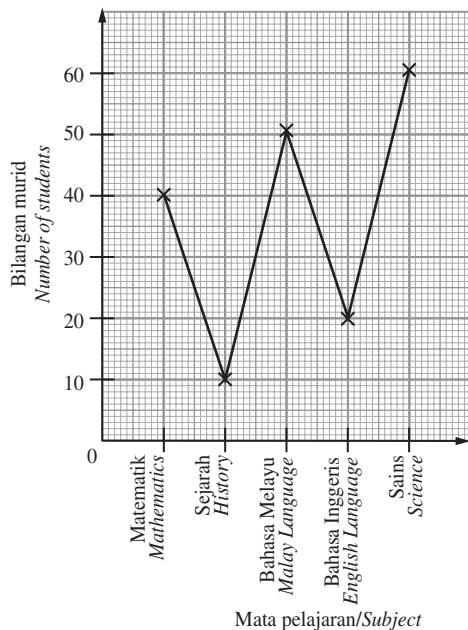


16 (a)

Mata pelajaran/Subject	Bilangan murid/Number of students
Matematik/Mathematics	$\frac{80^\circ}{360^\circ} \times 180 = 40$
Sejarah/History	$\frac{20^\circ}{360^\circ} \times 180 = 10$
Bahasa Melayu/Malay Language	$\frac{100^\circ}{360^\circ} \times 180 = 50$
Bahasa Inggeris/English Language	$\frac{40^\circ}{360^\circ} \times 180 = 20$
Sains/Science	$\frac{120^\circ}{360^\circ} \times 180 = 60$

(b)

Tuisyen bagi Lima Mata Pelajaran
Tuition for Five Subjects



17 (a) ✗ (b) ✓ (c) ✗ (d) ✓

18 (a) Salah/Wrong

(b) Betul/Correct

(c) Betul/Correct

(d) Salah/Wrong

19 (a) Oren/Orange: $40 \times \text{RM}0.40 = \text{RM}16.00$

(b) Sarsi: $50 \times \text{RM}0.45 = \text{RM}22.50$

(c) Cola: $35 \times \text{RM}0.30 = \text{RM}10.50$

20 Jumlah nilai eksport bagi lima tahun

Total value of export for five years

$= \text{RM}(30\,000 + 50\,000 + 40\,000 + 60\,000 + 70\,000)$

$= \text{RM}250\,000$

Nilai eksport pada tahun 2013

Value of export in 2013

$= 20\% \times \text{RM}250\,000$

$= \text{RM}50\,000$

21 (a) $x + x + 40^\circ + 80^\circ = 360^\circ$

$$2x = 240^\circ$$

$$x = 120^\circ$$

Sudut sektor yang mewakili permainan badminton

$= 120^\circ$

Angle of sector representing badminton $= 120^\circ$

(b) $\frac{k}{32} = \frac{120^\circ}{80}$

$$k = \frac{120^\circ}{80} \times 32$$

$$= 48$$

Bilangan murid yang menyertai permainan bola

keranjang $= 48$

Number of students who participated in basketball

$= 48$

22 (a) Jumlah bilangan murid/Total number of students

$$= 2 + 6 + 12 + 4 + 4 + 6 + 2 + 4$$

$$= 40$$

(b) $6 + 2 + 4 = 12$

$$m = 70$$

(c) Peratus daripada murid yang mendapat kurang daripada 40 markah

Percentage of students who obtained less than 40 marks

$$= \frac{2 + 6}{40} \times 100\%$$

$$= \frac{8}{40} \times 100\%$$

$$= 20\%$$

23 (a) Bilangan pelanggan yang mengisi antara 20 liter dengan 50 liter petrol

Number of customers who refueled between 20 litres and 50 litres of petrol

$$= 20 + 15 + 5$$

$$= 40$$

(b) Nisbah bilangan pelanggan yang mengisi 25 liter petrol kepada bilangan pelanggan yang mengisi 45 liter petrol

Ratio of the number of customers who refueled 25 litres of petrol to the number of customers who refueled 45 litres of petrol

$$= 20 : 5$$

$$= 4 : 1$$

Praktis Sumatif

1 Jumlah jualan bagi empat bulan

Total sales for the four months

$$= 20 + 30 + 40 + x$$

$$= 90 + x$$

$$x = \frac{40}{100} \times (90 + x)$$

$$x = \frac{2}{5} \times (90 + x)$$

$$5x = 180 + 2x$$

$$3x = 180$$

$$x = 60$$

Jawapan/Answer: D

2 A Betul/Correct

B Betul/Correct

C Tinggi bagi dua pokok bunga mawar dengan tinggi yang sama ialah 176 cm.

The height of two rose plants with equal height is 176 cm.

Salah/Wrong

D Tinggi tertinggi/Tallest height

$$= 187 \text{ cm}$$

Tinggi terpendek/Shortest height

$$= 152 \text{ cm}$$

Beza tinggi

Difference in height

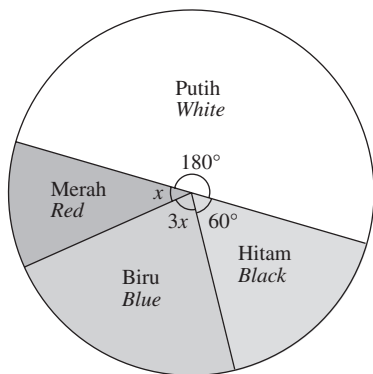
$$= 187 - 152$$

$$= 35 \text{ cm}$$

Betul/Correct

Jawapan/Answer: C

3



A $x + 3x + 60^\circ + 180^\circ = 360^\circ$
 $4x + 240^\circ = 360^\circ$
 $4x = 120^\circ$
 $x = 30^\circ$

Salah/Wrong

B $\frac{n}{10} = \frac{90^\circ}{60^\circ}$
 $n = \frac{90^\circ}{60^\circ} \times 10 = 15$

Bilangan pembeli yang memilih warna biru = 15
 Number of buyers who chose blue colour = 15

Salah/Wrong

C $N =$ jumlah bilangan kereta yang dijual
 the total number of cars sold

$$\frac{10}{N} = \frac{60^\circ}{360^\circ}$$

$$\frac{10}{N} = \frac{1}{6}$$

$$N = 60$$

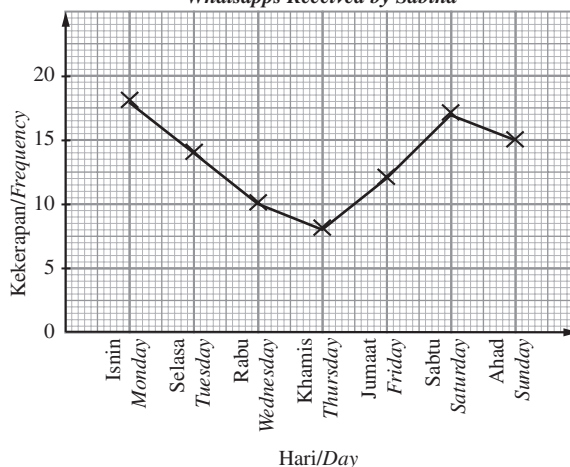
Salah/Wrong

D Betul /Correct

Jawapan/Answer: D

4

Whatsapp Diterima oleh Sabina
 Whatsapps Received by Sabina



Jawapan/Answer: B

5 A Benar/True

B Bilangan kenderaan yang rosak pada hari Isnin = 8
 Number of vehicles that broke down on Monday = 8
 Bilangan kenderaan yang rosak pada hari Jumaat = 10
 Number of vehicles that broke down on Friday = 10

Palsu/False

C $6 : 12 = 1 : 2$

Benar/True

D Jumlah bilangan kenderaan yang rosak pada hari Isnin hingga hari Khamis
 Total number of vehicles that broke down on Monday until Thursday
 $= 8 + 6 + 12 + 4 = 30$

Peratusan/Percentage

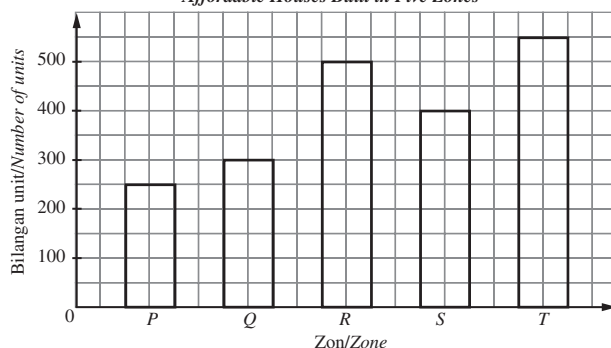
$$= \frac{30}{40} \times 100\% = 75$$

Benar/True

Jawapan/Answer: B

6

Rumah Mampu Milik Dibina di Lima Zon
 Affordable Houses Built in Five Zones



7 (a)

Batang/Stem	Daun/Leaf
2	7 8
3	1 1 3 4 4
4	3 5 6 8
5	0 6 7 7 8 8 9
6	2 3 3 3 5 5 7 7
7	1 4 8 8 9
8	0 1 5 5 7

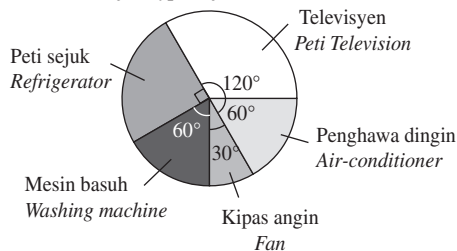
6|2 mewakili/represents 62

- (b) (i) Markah tertinggi/Highest mark = 87
 Markah terendah/Lowest mark = 27
 Beza/Difference = 87 - 27 = 60
- (ii) Bilangan murid yang mencapai di antara 45 markah dengan 65 markah
 Number of students who achieved between 45 and 65 marks = 13

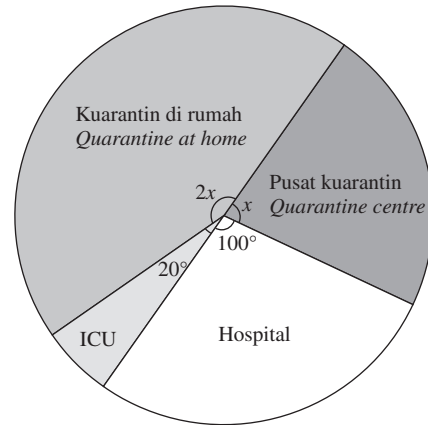
- 8 (a) Televisyen/Television : $\frac{24\,000}{72\,000} \times 360^\circ = 120^\circ$
 Peti sejuk/Refrigerator : $\frac{18\,000}{72\,000} \times 360^\circ = 90^\circ$
 Mesin basuh/Washing machine : $\frac{12\,000}{72\,000} \times 360^\circ = 60^\circ$
 Kipas angin/Fan : $\frac{6\,000}{72\,000} \times 360^\circ = 30^\circ$
 Penghawa dingin/Air-conditioner : $\frac{12\,000}{72\,000} \times 360^\circ = 60^\circ$

Alat elektrik Electrical item	Sudut sektor Angle of sector
Televisyen Television	120°
Peti sejuk Refrigerator	90°
Mesin basuh Washing machine	60°
Kipas angin Fan	30°
Penghawa dingin Air-conditioner	60°

(b) **Jualan 5 Jenis Alat Elektrik**
 Sales of 5 Types of Electrical Items



9 (a)



$$x + 2x + 20^\circ + 100^\circ = 360^\circ$$

$$3x + 120^\circ = 360^\circ$$

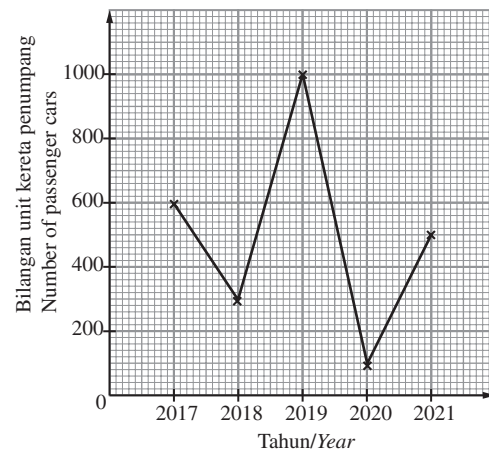
$$3x = 240^\circ$$

$$x = 80^\circ$$

(b) $\frac{n}{360^\circ} = \frac{15\,000}{100^\circ}$
 $n = \frac{15\,000}{100^\circ} \times 360^\circ$
 $= 54\,000$

- 10 (a) Jualan kereta penumpang bagi tahun 2020
 Sales of passenger cars for the year 2020
 $= \frac{10}{100} \times 1\,000 = 100$
 Jualan kereta penumpang bagi tahun 2021
 Sales of passenger cars for the year 2021
 $= \frac{500}{100} \times 100 = 500$

Jualan Kereta Penumpang oleh Syarikat Omega
 Sales of Passenger Cars by Omega Company



- (b) Jualan kereta penumpang adalah terendah dalam tempoh itu ialah pada tahun 2020.
 The sales of passenger cars were the lowest in the period was in 2020.