

REVISION 4

SECTION B/BAHAGIAN B

. Answer **all** the question.

Jawab semua soalan.

- Complete the following steps in the answer space to show the method of determining the lowest common multiples (LCM) by using repeated division.

(4 marks/markah)

Answer/ Jawapan:

| | | | | |
|---|---|---|---|---|
| | 2 | 2 | 6 | 7 |
| □ | | 1 | 3 | 7 |
| □ | | 1 | 1 | 7 |
| | | 1 | 1 | 1 |

Therefore, the LCM of 2, 6 and 7

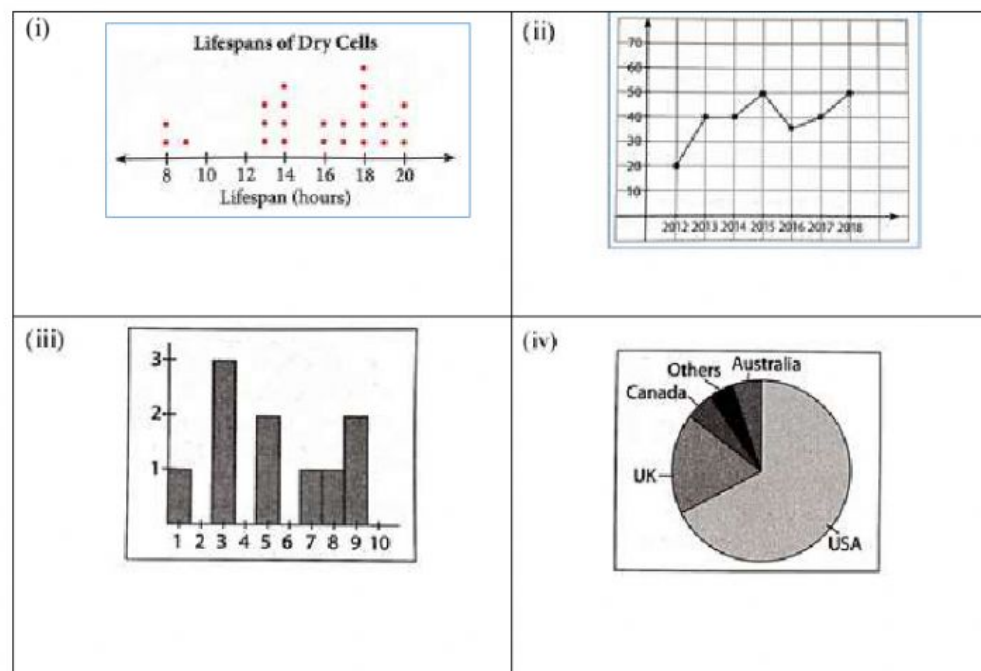
= X X

=

- Name following types of data representation.

(4 marks/markah)

Answer / Jawapan :



SECTION C/BAHAGIAN C

Answer **all** the question.

1. a) Match the correct answers.

(2 marks/markah)

Answer/Jawapan:

| |
|----------------|
| -4^2 |
| $(-4)^2$ |
| $\sqrt[3]{64}$ |
| $\sqrt{64}$ |

| |
|-----|
| -16 |
| 4 |
| 8 |
| 16 |

- b) Construct a linear inequality for the situations below.

- (i) The price, RM r of a car is RM 40 000 and above.
- (ii) Ana took maximum 2 hours to finish her homework.
- (iii) Students must score at least an 80% to get grade A
- (iv) Siva bring minimum RM5 to school everyday.

(4 marks/markah)

Answer/Jawapan:

(i) r

(ii) m

(iii) t

(iv) s

2. a) Find the value of $\left(\frac{4}{9} - 2\right)^2$

(2 marks/markah)

Answer/Jawapan:

$$= \left(\rule{1.5cm}{0.4pt} \right) = \left(\rule{1.5cm}{0.4pt} \right) = \rule{1.5cm}{0.4pt}$$

b) Solve

$$\sqrt{0.64} - 0.0081$$

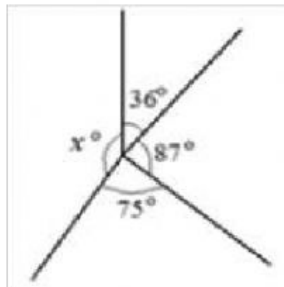
(2 marks/markah)

Answer/Jawapan:

=

=

3. a) Based on the diagram,



(i) find angle x° .

(1 mark/markah)

Answer/Jawapan:

$$x = \quad - \quad - \quad - \quad =$$

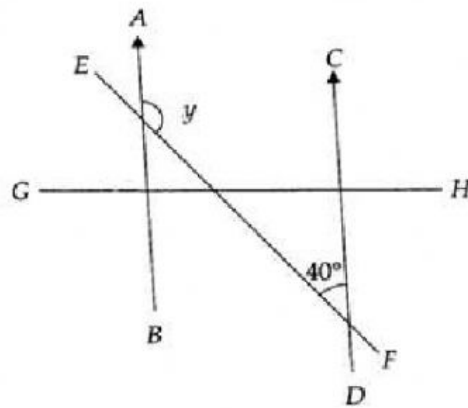
(ii) What type of angle is x ?

(1 mark/markah)\

Answer/Jawapan: _____

b) Calculate the value of y .

(2 marks/markah)



Answer/Jawapan:

$$y = \quad + \quad =$$

4.a) A manager of a construction company wants to change to a new larger signage. The figure below shows the dimensions of the original signage.

3m



(4 marks/markah)

Calculate the perimeter of the signage

Answer/Jawapan:

$$\text{Area of the sign} = \quad \times \quad =$$

4.b) Table shows the age of 20 visitors at the National Museum. Complete the frequency table below.

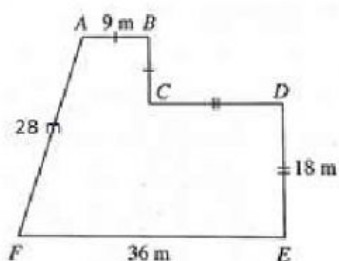
| | | | | | | |
|----|----|----|----|----|----|----|
| 18 | 28 | 18 | 16 | 33 | 24 | 32 |
| 18 | 23 | 30 | 19 | 6 | 24 | 34 |
| 26 | 35 | 22 | 16 | 27 | 13 | |

(2 marks/markah)

Answer/Jawapan:

| Age (year) | Frequency |
|------------|-----------|
| 6 - 10 | 1 |
| 11 - 15 | |
| 16 - 20 | |
| 21 - 25 | |
| 26 - 30 | |
| 31 - 35 | |

4. c) The diagram shows a polygon ABCDEF



- Determine the number of side of the polygon
- Determine the name of the polygon
- Determine the perimeter of the polygon

Answer :

4.c)i.

4.c)ii.

4.c)iii. perimeter = + + + + + =