SECTION B/*BAHAGIAN B*

. Answer **all** the question.
*Jawab **semua** soalan.*

1. 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

=

2. Name following types of data representation.

.
(4 marks/markah)

Answer / *Jawapan* :

(i)	(ii)
Lifespans of Dry Cells Lifespan (hours) 8 10 12 14 16 18 20	70 60 50 40 30 20 10 2012 2013 2014 2015 2016 2017 2018

(iii)	(iv)
3 2 1 1 2 3 4 5 6 7 8 9 10	Others Australia Canada UK USA
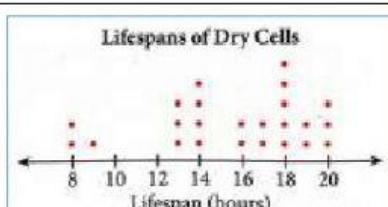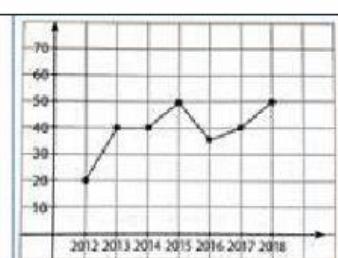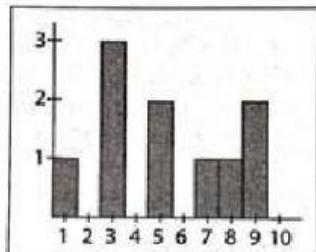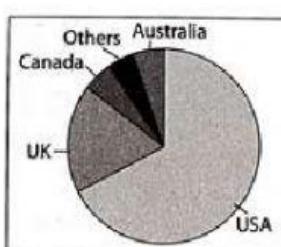
SECTION C/*BAHAGIAN C*

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) Contruct 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 $\left(\frac{4}{9} - 2\right)^2$

Answer/*Jawapan:*

$$= \left(\underline{\qquad\qquad} \right) = \left(\underline{\qquad} \right) = \underline{\qquad}$$

   b) Solve

$$\sqrt{0.64} - 0.0081$$

   Answer/*Jawapan:*

   =

   =

3. a) Based on the diagram,

   (i)   find angle $x°$.

      Answer/*Jawapan:*

      $x =$ \qquad - \qquad - \qquad =
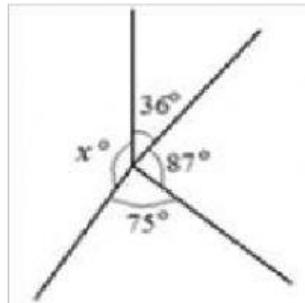
   (ii) What type of angle is x ?

      Answer/*Jawapan:*_____

b) Calculate the value of *y*.
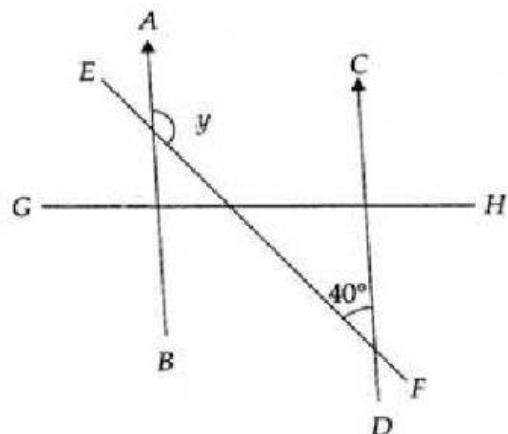
Answer/*Jawapan:*

y =   +   =

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

1.2m

Calculate the perimeter of the signage

Answer/*Jawapan:*

Area of the sign =   x   =

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
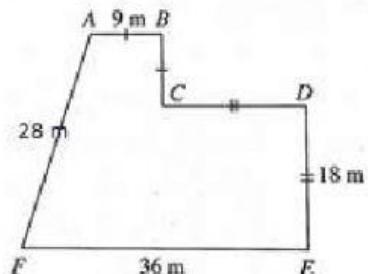
i) Determine the number of side of the polygon
ii) Determine the name of the polygon
iii) Determine the perimeter of the polygon

Answer :

4.c)i.

4.c)ii.

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