REVISION 13.2

SECTION C/*BAHAGIAN C*

1.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. Assume that the dimensions of the new signage is three times the length and the width.



(4 marks/*markah*)

Calculate the area of the new signage and explain how many times bigger the area of the new signage when compared with the original signage.

Answer/*Jawapan:*

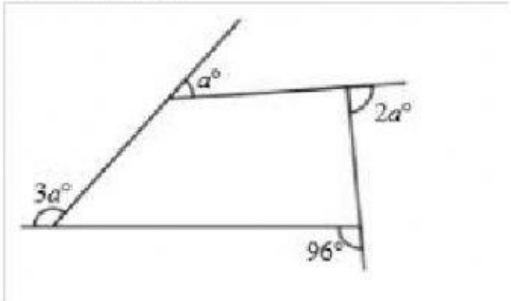
area of the original signage = x =

area of new signage = x x x =

Compare of new signage bigger than original = _____ =

New signage is _____ times bigger than original

2. a) The diagram below show an equilateral.



Calculate the value of a.

. (2 marks/*markah*)

Answer/*Jawapan:*

+ + + = 360

a =

LIVEWORKSHEETS

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

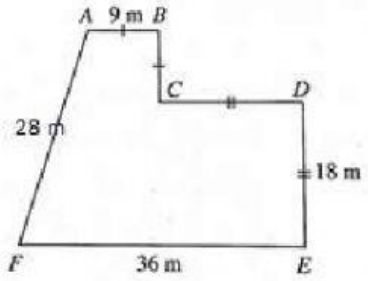
18	28	18	16	33	24	32
18	23	30	19	6	24	34
26	35	22	16	27	13	

(2 marks/*markah*)

Answer/*Jawapan:*

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

3. a) 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 :

3.a)i.

3.b)ii.

3. c)iii. perimeter = + + + + + =

LIVEWORKSHEETS

4. In a telematch, students must take one card that has the letters S, U, R, A, T from a basket.

.

a) List the elements in the sample space.

.

b) List the elements in the sample space for the event, if
   i) consonant are chosen
   ii) vowel are chosen

(3 marks/*markah)*

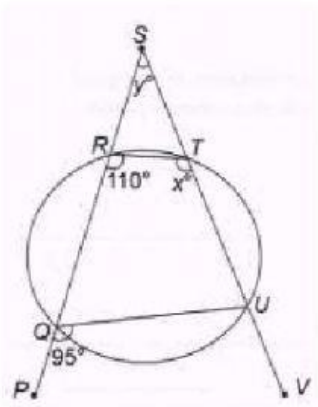
Answer/*Jawapan:*

a) { , , , , }

b) i) { , , }

b) ii) { , }

5. a) In the diagram, PQRS and STUV are straight lines.



Find the value of x and of y. (2 marks/*markah*)

Answer/*Jawapan:*

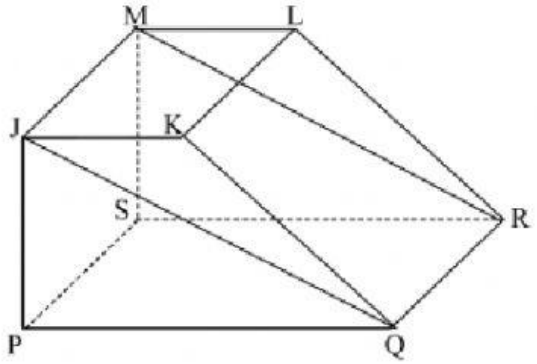
x =

y = - - =

LIVEWORKSHEETS

5. b)The diagram shows a trapezium with base PQRS.
State one of a normal to the following plane.

(3 marks/*markah*)



Answer / *Jawapan* :

(i) JMSP = ...

(ii) JKLM = ...

(iii)PQKJ = ...

LIVEWORKSHEETS