Revision 3 Form 2
Bahagian C/ *Section C*
[60 markah / *marks*]
Jawab ***semua*** soalan / *Answer* ***all*** *question*

1. (a) Data berikut ialah suhu yang dicatat untuk 5 hari.
The following data are the temperatures recorded for 5 days.

25°C, 27°C, 34°C, 28°C, 29°C

Hitungkan min. / *Calculate the min.* *[2 markah / marks]*

Jawapan / *Answer*:

\+ + + + =

2. (a) Pakcik Zamri menjual 2 saiz (kecil dan besar) bagi 3 jenis jus buah nenas, limau dan tembikai di warungnya. Nyatakan
Pakcik Zamri sells 2 size (small and large) of three types of fruit juices which is pineapple(P),lemon(L) and watermelon(W) at his stall. State

(i) ruang sampel bagi jus buah-buahan yang dijual.
the sample space of fruit juice sold. *[2markah / marks]*
(use capital letter for big size fruit and small letter for small size fruit)

Jawapan/ *Answer* :

{ , , , , , }

(ii) Bilangan unsur dalam ruang sampel
Number of elemens in the sample space. *[1 markah/ marks]*

Jawapan/ *Answer*:

n =

LIVEWORKSHEETS

3(a) Tentukan sama ada setiap pasangan nisbah yang berikut adalah setara atau tidak.
Determine whether each of the following pair of ratios are equivalent.

(i) 21 : 14 : 28 dan/ *and* 3 : 1 : 4

(ii) $3\frac{1}{8} : 2\frac{1}{4}$ dan / *and* 25 : 18 *[2 markah / marks]*

Jawapan/ *Answer* :

(i)

(ii)

(b) (i) Permudahkan ungkapan yang berikut.
Simplify the following expression.

[2 markah/ marks]

$(p + 2)^2 - 9$

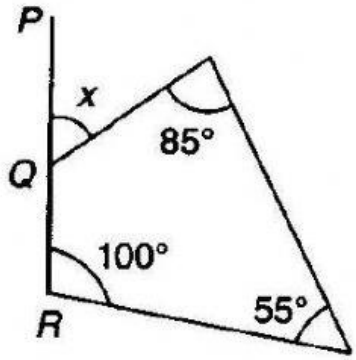
Jawapan/ *Answer*:

= 2

= 2

(b) (ii) Dalam Rajah 3(b) , *PQR* ialah garis lurus. Cari nilai x.
In Diagram 3(b) , PQR is a straight line. Find the value of x.

[2 markah/ marks]



Rajah 3(b) / *Diagram 3(b)*

LIVEWORKSHEETS

Jawapan /*Answer* :

= =

x = =

3.

c) Given that / *diberi* $\xi = \{x : 1 \leq x \leq 10, x$ is an integer / *ialah integer*$\}$,

$Q = \{x :$ x is a perfect square / *kuasa dua sempurna*$\}$

$R = \{ x : x$ is factors of / *ialah faktor bagi* 30$\}$

Find / *cari* :

(i)

$Q = \{$, , $\}$

(ii) $n(R) =$

[2 marks / *markah*]

4. (a) Lengkapkan nombor-nombor berikut yang merupakan sebahagian daripada Nombor Fibonacci.

Complete the numbers below that is the part of Fibonacci Numbers.

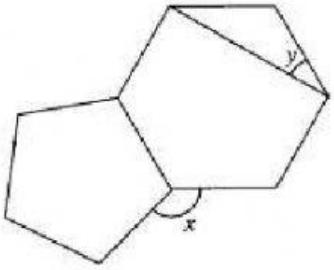
[3 markah/ marks]

Jawapan / *Answer* :

0, 1, _____, 2, 3, _____, 8, _____

(b) Rajah 4(b) menunjukkan gabungan dua buah poligon sekata.

Diagram 4(b) shows a combination of two regular polygons.



Rajah 4(b)/ *Diagram 4(b)*

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Cari nilai x dan y.
Find the value of x and y.

[4 markah/ marks]

x =

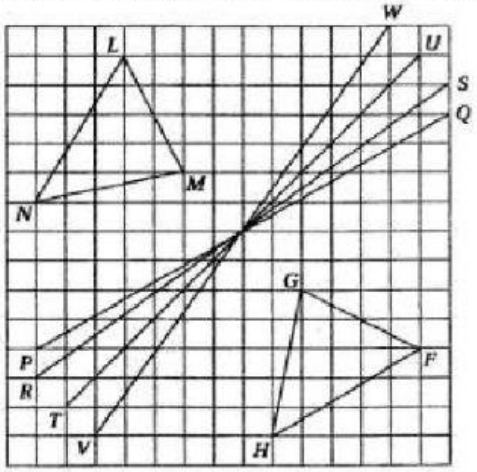
=

y = (−)

2

y =

5 (a) Rajah 5(a) menunjukkan dua buah segi tiga, LMN dan FGH serta empat garis lurus, VW, TU, RS dan PQ, dilukis pada grid segi empat sama. Segi tiga LMN adalah imej bagi segi tiga FGH di bawah suatu pantulan.
Diagram 5(a) shows two triangles, LMN and FGH, and four straight lines, VW, TU, RS and PQ, drawn on square grids. Triangle LMN is the image of triangle FGH under a reflection.



Rajah 5(a)/ *Diagram 5(a)*

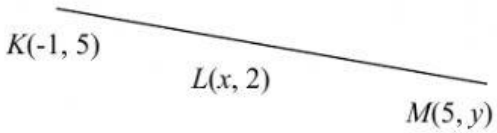
Nyatakan paksi pantulan itu.
State the axis of reflection.

[2 markah/ marks]

Jawapan/ *Answer* :

LIVEWORKSHEETS

6 (a) Dalam Rajah 6(a), L ialah titik tengah bagi *KM*.
In Diagram 6(a), L is the midpoint of KM.



Rajah 6(a)/ *Diagram 6(a)*

Cari nilai x dan y.
Find the values of x and y.

[3 markah/marks]

Jawapan / *Answer*:

$x =$ _____ =

_____ =

y =

(b) List all the integer values of x which satisfy both the inequalities.
Senaraikan semua integer yang memenuhi ke dua-dua ketaksamaan di bawah.

$$\frac{3x}{2} + 2 \geq x \text{ and/ } dan \ 13 - 2x > 7$$

[3 marks/ *markah*]

Answer/ *Jawapan*:

$x \geq$ | x

$x =$, , , , , ,

LIVEWORKSHEETS