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The file: Revision algebra

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REVISION 13.1

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

$$= \left(\frac{\quad}{\quad} \right) = \left(\frac{\quad}{\quad} \right) = \quad$$

(2 marks/markah) Answer/Jawapan:

b) Solve

$$\sqrt{0.64 - 0.0081}$$

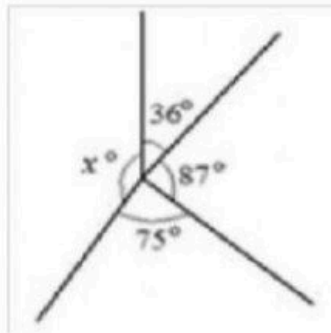
(2 marks/markah)

Answer/Jawapan:

=

=

3. a) Based on the diagram,



(i) find angle x° .

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

(1 mark/markah) Answer/Jawapan:

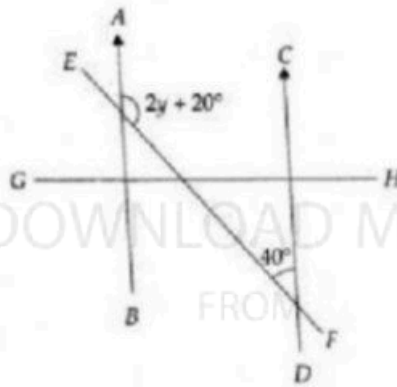
(ii) What type of angle is x ?

(1 mark/markah)

Answer/Jawapan: _____

b) i) Calculate the value of y .

(2 marks/markah)



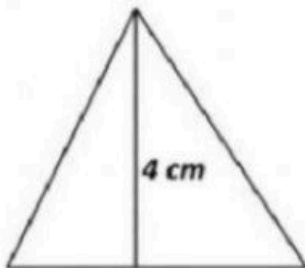
Answer/Jawapan:

= + +

$2y = - -$

$y = \underline{\hspace{2cm}} =$

4.



$(2pq + 3q^2 - 1) \text{ cm}$

Rajah 2 (c)

Diagram 2 (c)

a) Nyatakan luas segi tiga pada Rajah 2 (c) dalam sebutan p dan q .

State the area of the triangle of Diagram 2 (c) in terms of p and q .

= _____ x _____ x

=

- b) Diberi $p = 5$ dan $q = 2$, hitung luas segi tiga di atas.
 Given that $p = 5$ and $q = 2$, calculate the area of the triangle above.

[2 markah/marks]

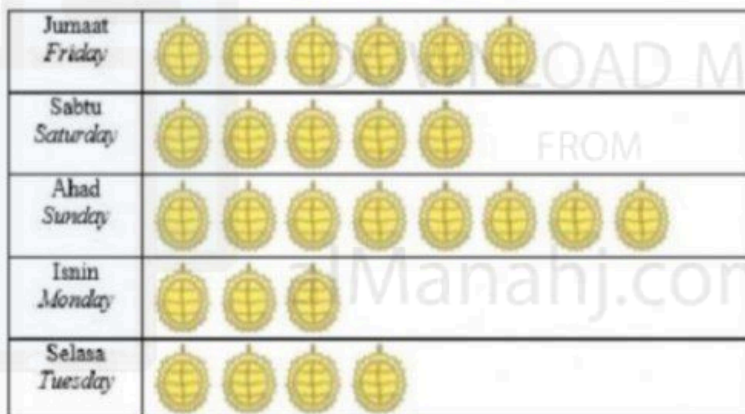
Jawapan/Answer :

Area of triangle

$$= \frac{1}{2} (\quad) (\quad) + \frac{1}{2} (\quad) (\quad) -$$

=

5. Rajah 5 (a) menunjukkan jualan Durian Musang King di Gerai Buah Pak Akob dalam lima hari.
 Diagram 5 (a) shows the sales of Musang King Durian at Pak Akob Fruit Stalls in five days



mewakili 25 biji Durian Musang King
 represents 25 Musang King Durians

Rajah 5 (a)

Diagram 5 (a)

Nyatakan:

State:

- Mod. / The mode.
- Kekerapan mod. / The frequency of mode.

[2markah/ marks]

Jawapan/Answer: .

a)

b)