1 Antara berikut, yang manakah akan menjadi 600 apabila dibundarkan kepada ratus yang terdekat?

Which of the following will be 600 when rounded off to the nearest hundred?

A 546

B 556

C 655

D 665

2 Rajah 1 menunjukkan empat kad nombor.

Diagram 1 shows four number cards.

40 128	52 720	X	20 100

Rajah 1

Diagram 1

Jumlah nombor pada empat kad itu ialah 150 000.

Apakah nilai X?

The total number on the four cards is 150 000.

What is the value of X?

A 37 052

B 42 948

C 48 162

D 57 152

S1: 40128
52720
20100
112,948

S2: 150 000
− 112 948
37 052

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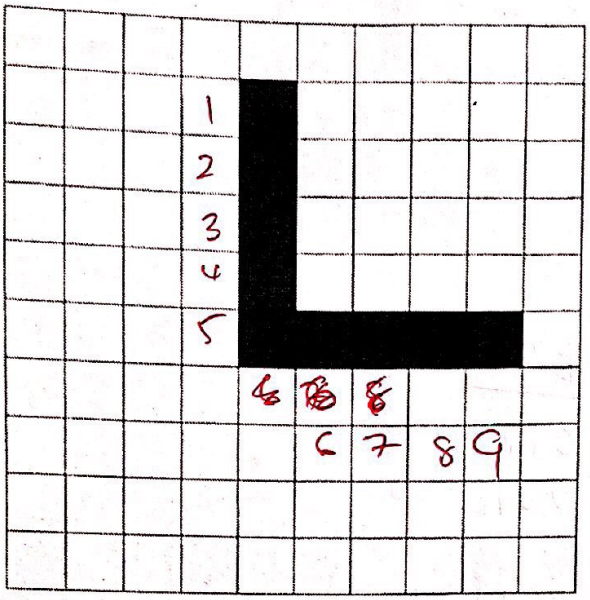
3 Rajah 2 menunjukkan beberapa segi empat sama yang sama saiz.
Diagram 2 shows several squares of the same size.



Rajah 2
Diagram 2

Berapakah peratusan bahagian berlorek daripada seluruh rajah itu?
What is the percentage of the shaded region of the whole diagram?

A 0.09%
B 0.9%
C 9%
D 90%

S1: $= \frac{9}{100}$

S2: 9%

4 65.2 + 8.79 − 43.217 =

A 13.193
B 13.387
C 30.773
D 30.787

S1: 65.200 + 8.790 − 43.217

S2:
$$\begin{array}{r} 65 \\ +\ 8 \\ -\ 43 \\ \hline 30 \end{array}$$

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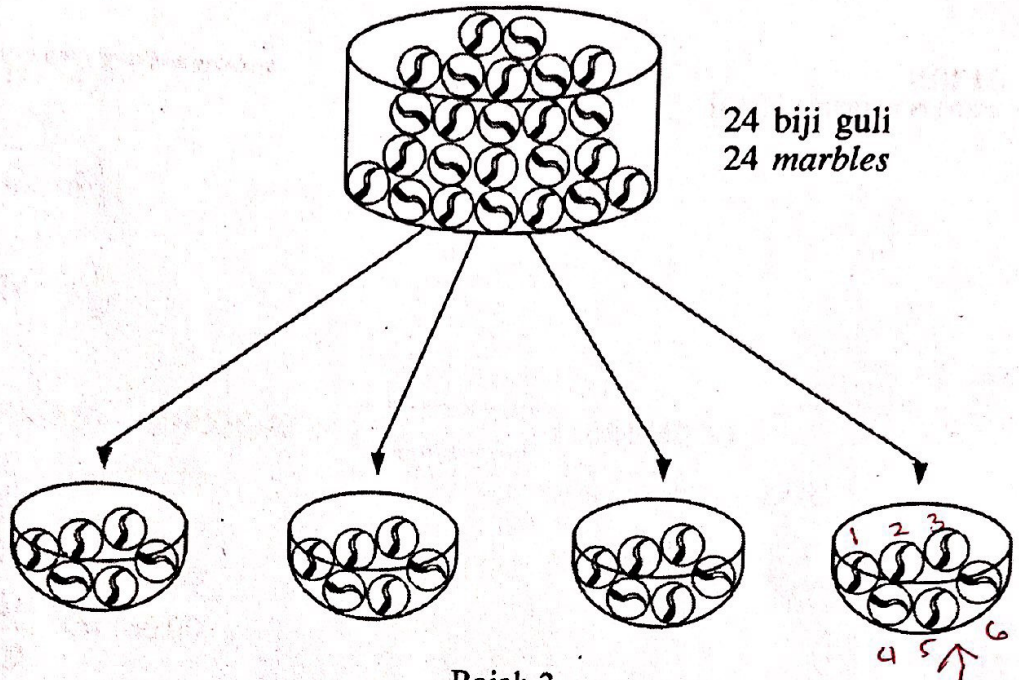
5 Rajah 3 menunjukkan 24 biji guli di dalam sebuah bekas.
Diagram 3 shows 24 marbles in a container.



Rajah 3
Diagram 3

Guli-guli itu dimasukkan sama banyak ke dalam 4 bekas kecil.
Antara berikut, yang manakah ayat matematik yang betul?
The marbles are put equally into 4 small containers.
Which of the following shows the correct number sentence?

A $6 \times 4 = 24$
B $4 \times 6 = 24$
C $24 \div 6 = 4$
D $24 \div 4 = 6$

Jawapan akhir mesti sama dengan bilangan dalam bekas.

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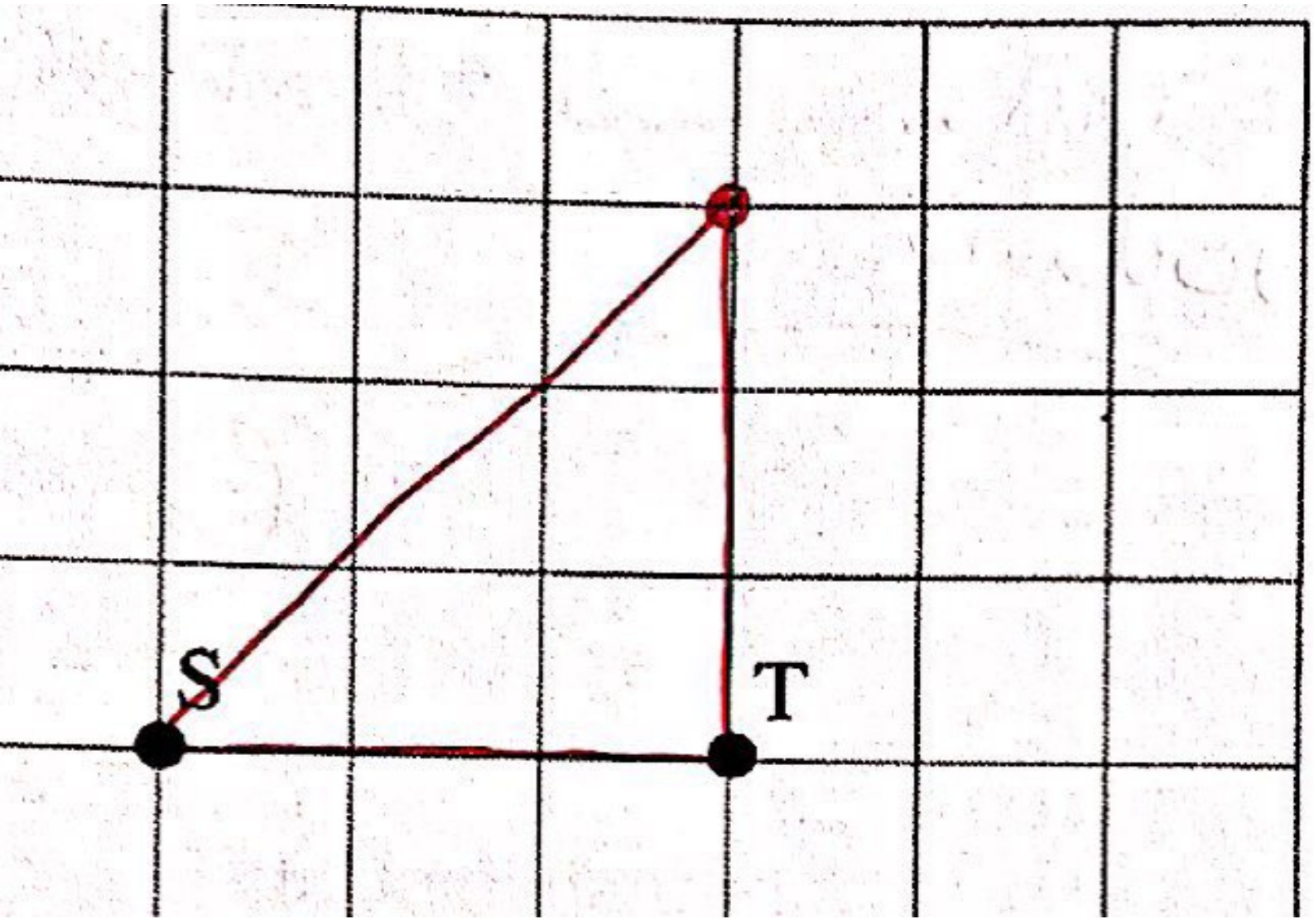

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8 475% =

(A) $4\frac{3}{4}$

B $4\frac{1}{2}$

C $4\frac{1}{4}$

D $4\frac{1}{8}$

9 RM820 − RM536.40 + ☐ = RM450.30

A RM166.30

(B) RM166.70

C RM166.80

D RM166.90

S1: 100 − 40 = 0.60

S2: 0.60 + 0.70 = 0.30

10 Tukarkan 1 m 3 cm kepada cm.

Convert 1 m 3 cm *to* cm.

(A) 103

B 130

C 1 003

D 1 030

11 $2\frac{3}{4}\ \ell - 0.85\ \ell =$

A 1 600 mℓ

(B) 1 900 mℓ

C 2 165 mℓ

D 2 315 mℓ

2750 − 850 = 1900 ml

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12 8 abad 46 tahun + ☐ tahun = 10 abad 20 tahun.

8 centuries 46 years + ☐ years = 10 centuries 20 years.

A 446

B 354

C 186

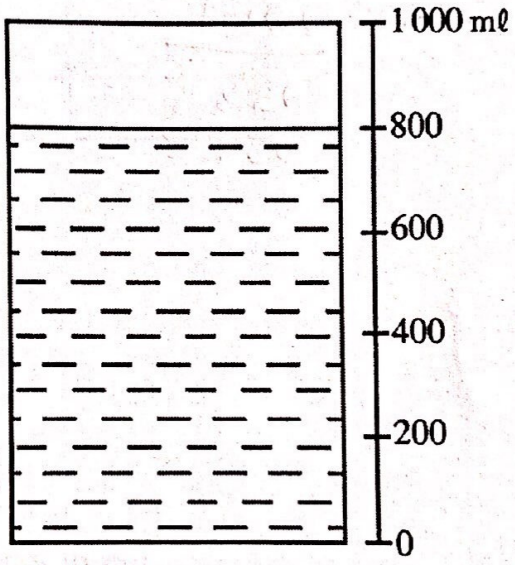
D 174

S1 : 1 Abad = 100 tahun

S2 : 1020 - 846 = 174

13 Rajah 4 menunjukkan sebekas santan, 1 000 mℓ.
Sebahagian santan telah digunakan.

Diagram 4 shows a container of coconut milk, 1 000 mℓ.
Part of the coconut milk has been used.



Rajah 4

Diagram 4

Berapakah bahagian santan yang tinggal?

What is the portion of coconut milk left?

A $\frac{1}{4}$

B $\frac{1}{5}$

C $\frac{3}{4}$

D $\frac{4}{5}$

$\frac{800}{1000} = \frac{4}{5}$

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14 Apakah nilai **W** dan nilai **X**?
What is the value of **W** *and* **X**?

$$\begin{array}{r} {}^{1} \\ 2\ \boxed{W}\ 7 \\ +\quad 6\ \boxed{X} \\ \hline 2\ 7\ 6 \end{array}$$

$7 + \boxed{9} = 16$

$6 + 1\ \boxed{0} = 7$

	W	X
A	0	1
(B)	0	9
C	1	1
D	1	9

15 $8 \times 1\frac{2}{5}$ km =

1 400 m

$8 \times 400 = 3\,200$

A 1 000 m
B 1 120 m
C 10 000 m
(D) 11 200 m

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16 Antara yang berikut, yang manakah betul?
Which of the following is correct?

A $\frac{8}{10} = 80\%$

B $\frac{9}{10} = 9\%$

C $\frac{6}{100} = 60\%$

D $\frac{10}{100} = 100\%$

17 Berapakah bilangan permukaan rata bagi piramid bertapak segi empat sama?
What is the number of flat faces of a square-based pyramid?

A 3
B 4
C 5
D 6

18 $\square \div (352 - 347) = 170\,380$

A 34 076
B 34 760
C 851 500
D 851 900

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19 23 540 – 96 ratus =
23 540 – 96 *hundreds* =

(A) 13 940
B 14 940
C 22 580
D 23 444

23540 − 9600 = 13940

20 Antara nombor berikut, yang manakah hasil darab nilai digit 3 dan nilai digit 4 nombor itu ialah 12 000?

Which of the following numbers shows the product of its digit value of 3 *and digit value of* 4 *is* 12 000?

A 684 132
B 684 231
C 632 148
(D) 628 431 — 400 × 30 = 12000

21 Jadual 1 menunjukkan pungutan mata pasukan Wira bagi tempoh tiga hari dalam suatu acara sukaneka.

Table 1 *shows the scores of Wira team for three days in a telematch.*

Hari *Day*	Selasa *Tuesday*	Rabu *Wednesday*	Khamis *Thursday*
Mata *Score*	7	6 mata lebih daripada hari Khamis *6 scores more than Thursday*	9

Jadual 1 6+9 = 15
Table 1

Berapakah nisbah mata hari Selasa kepada hari Rabu?

What is the ratio of the scores on Tuesday to Wednesday?

A 7 : 9
(B) 7 : 15
C 9 : 7
D 15 : 7

S : R
7 : 15

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0 1 2 3 4 5 6 7 x

Amir berada di Muzium. Dia bergerak ke Zoo melalui Taman.
Berapakah jarak mengufuk dan jarak mencancang pergerakan An
Amir is at the Museum. He goes to the Zoo through the Garden.
What is the horizontal distance and vertical distance of Amir's m

Jarak mengufuk *Horizontal distance*	**Jarak mencancang** *Vertical distance*

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Atlet *Athlete*	Skor *Score*
Rayyan	
Satish	9.54
Tom	9.2
Jumlah ***Total***	28.499

Jadual 2
Table 2

Hitung skor Rayyan.
Calculate Rayyan's score.

A 9.759
B 9.939
C 10.425
D 10.443

$= 28.499 - 9.2 - 9.54$
$= 9.759$

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Saya beli sejumlah telur.
5 biji telur telah pecah.
Saya telah menggunakan 14 biji telur.
Baki bilangan telur ialah 11 biji.

I bought a number of eggs.
5 eggs were broken.
I used 14 *eggs.*
The remaining eggs were 11.

M ialah jumlah biji telur yang dibeli oleh Puan Elina.

Antara berikut, yang manakah ayat matematik berdasarkan pernyataan di atas?

M *is a total number of eggs bought by Puan Elina.*

Which of the following shows the number sentence based on the above statement?

A 14 + M − 5 = 11

B M − 5 + 14 = 11

C 14 + M + 5 = 11

D M − 5 − 14 = 11

kata kunci

Beli = +

pecah = −

menggunakan = −

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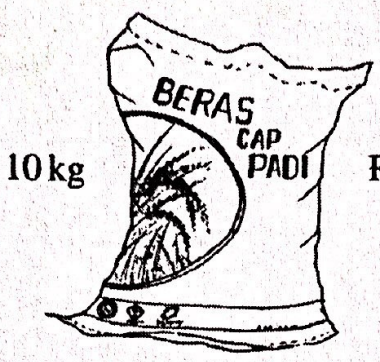
25 Rajah 5 menunjukkan jisim dan harga sekampit beras.
Diagram 5 shows the mass and the price of a packet of rice.



Rajah 5
Diagram 5

Berapakah harga bagi 3 kg beras?
How much is the price for 3 kg of rice?

A RM6.20
B RM7.20
C RM8.00
D RM9.00

S1: 10 kg = RM24

S2: 1 kg = $\frac{24}{10}$

= 2.4

S3: 3 kg = ?

= 3 x 2.4

= 7.20

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Saya membeli set periuk ini dengan harga RM3 520. Saya hendak mendapat keuntungan sebanyak RM470.

I bought a set of pots for RM3 520. *I want to get a profit of* RM470.

Hitung harga set periuk itu yang akan dijual oleh Puan Raj dengan keuntungan itu.

Calculate the price of the set of pots that will be sold by Puan Raj with the profit.

A RM3 990

B RM3 970

C RM3 150

D RM3 050

S1: Harga Jual = Harga kos + untung

S2: 3520 + 470 = RM 3990

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AHAD *SUNDAY*		5	12	19	26
ISNIN *MONDAY*		6	13	20	27
SELASA *TUESDAY*		7	14	21	28
RABU *WEDNESDAY*	1	8	15	22	29
KHAMIS *THURSDAY*	2	9	16	23	30
JUMAAT *FRIDAY*	3	10	17	24	
SABTU *SATURDAY*	4	11	18	25	

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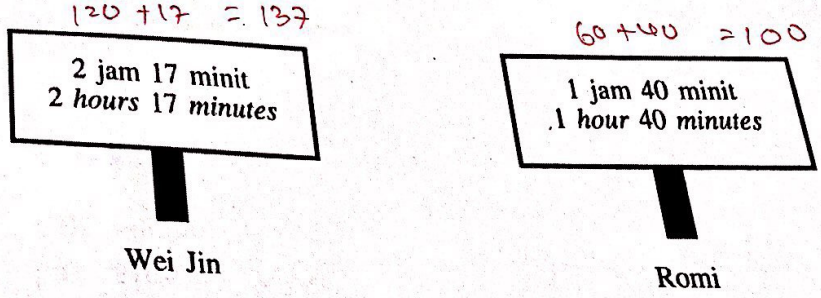
28 Rajah 7 menunjukkan masa yang diambil oleh Wei Jin dan Romi bagi suatu larian jarak jauh.

Diagram 7 shows the time taken by Wei Jin and Romi for a long distance run.

120 + 17 = 137



Rajah 7
Diagram 7

Hitung nisbah, dalam minit, masa yang diambil oleh Wei Jin kepada masa yang diambil oleh Romi.

Calculate the ratio, in minutes, of the time taken by Wei Jin to Romi.

A 100 : 137

B 137 : 100

C 140 : 217

D 217 : 140

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S1: 0.75

29 Sebuah syarikat menghasilkan $\frac{3}{4}$ juta penyedut minuman dalam sehari. Sebanyak 0.2 juta daripadanya dieksport dan bakinya untuk pasaran tempatan. Hitung bilangan penyedut minuman yang dihasilkan untuk pasaran tempatan dalam 5 hari.

A company produces $\frac{3}{4}$ million of straws in a day. An amount of 0.2 million straws are exported and the balance is for the local markets. Calculate the number of straws produced for the local markets in 5 days.

A 2.5 juta
2.5 *million*

B 2.75 juta
2.75 *million*

C 3.65 juta
3.65 *million*

D 3.75 juta
3.75 *million*

S2: 0.75 − 0.2
= 0.55 juta

S3: 0.55 × 5
= 2.75 juta

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Bekas *Container*	Isi padu *Volume*	Jumlah isi padu *Total volume*
Q	0.5 ℓ 500 ML	1800 ML
R		1.8 ℓ
S	$\frac{3}{4}$ ℓ 750 ML	

Jadual 3

Table 3

Hitung isi padu, dalam mℓ, air di dalam bekas R.

Calculate the volume, in mℓ, *of water in container* R.

A 200

B 250

C 550

D 610

= 1800 − 500 − 750

= 550 ML

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Bahan-bahan ***Ingredients***	**Jisim** ***Mass***
Tepung *Flour*	450 g
Gula *Sugar*	150 g
Serbuk coklat *Chocolate powder*	100 g
Mentega *Butter*	250 g

Jadual 4

Table 4

im, dalam kg, tepung dan gula yang digunakan
yang serupa.

he mass, in kg, *of flour and sugar used to bake 7*

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35 Sebuah kilang mengeluarkan $\frac{3}{5}$ juta beg sekolah dalam setahun.

Bilangan beg sekolah yang dihasilkan setiap bulan adalah sama.

Hitung jumlah beg sekolah yang dikeluarkan dalam masa 5 bulan.

A factory produces $\frac{3}{5}$ *million school bags in a year.*

The number of school bags produced every month is the same.

Calculate the total number of school bags produced in 5 months.

A 10000

B 50000

C 120000

D 250000

S1: 1 tahun = 600 000

S2: 5 bulan = ?

$\frac{5}{12} \times 600\,000$

$= 250\,000$

36 Sejumlah 4 biji bateri bersaiz AAA dijual dengan harga RM12.80.

Hitung harga bagi 14 biji bateri yang serupa.

A number of 4 *batteries of* AAA *size are sold at* RM12.80.

Calculate the price of 14 *similar batteries.*

A RM179.20

B RM140.80

C RM44.80

D RM38.40

S1: 4 biji = RM 12.80

S2: 1 biji = RM $\frac{12.80}{4}$

$= 3.20$

S3: 14 biji = ?

$= 14 \times 3.2$

$= RM\ 44.80$

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Tarian *Dancing*	2 jam 15 minit *2 hours 15 minutes*	5J 30 minit
Lukisan *Drawing*		$5\frac{1}{2}$ jam $5\frac{1}{2}$ *hours*
Renang *Swimming*	1J 30 minit $1\frac{1}{2}$ jam $1\frac{1}{2}$ *hours*	

3 jam 45 minit

Jadual 5

Table 5

Hitung masa, dalam jam, yang digunakan bagi kelas lukisan dalam seminggu.

Calculate the time spent, in hours, for drawing class in a week.

A $1\frac{1}{4}$ jam
$1\frac{1}{4}$ *hours*

B $1\frac{3}{4}$ jam
$1\frac{3}{4}$ *hours*

C $2\frac{1}{4}$ jam
$2\frac{1}{4}$ *hours*

D $2\frac{3}{4}$ jam
$2\frac{3}{4}$ *hours*

S1:

jam	minit
	90
4 5	30
− 3	45
1	45

S2: $\frac{45}{60}$

S3: $\frac{3}{4}$ jam

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M	0850	1015
N	2115	

1 jam 25 minit

Jadual 6

Table 6

Masa yang diambil oleh kedua-dua pesawat untuk sampai ke lapangan terbang Q adalah sama.

Hitung waktu ketibaan pesawat N yang mengalami kelewatan pelepasan selama 20 minit.

Time taken by both aeroplanes to reach airport Q *is the same.*

Calculate the arrival time of aeroplane N *that has been delayed for departure by* 20 *minutes.*

A Jam 0125

0125 *hours*

S2: 1 jam | minit

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39 Sebuah rumah mula dibina pada 16 Mac 2018. Rumah itu siap dibina 6 bulan 7 hari selepas tarikh itu.

Bilakah rumah itu siap dibina?

A house was started to build on 16 *March* 2018. *The house was completely built after* 6 *months and* 7 *days.*

When was the house completely built?

A 15 Ogos 2018
15 *August* 2018

B 22 Ogos 2018
22 *August* 2018

C 15 September 2018
15 *September* 2018

D 22 September 2018
22 *September* 2018

16/3 – 15/4
16/4 – 15/5
16/5 – 15/6
16/6 – 15/7
16/7 – 15/8
16/8 – 15/9
} 6 bulan

16/9 – 22/9 → 7 hari

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