

*Answer all questions
Jawab semua soalan*

1. 0.803 million =
 0.803 juta =

A $80\,000 + 300$

B $800\,000 + 3\,000$

C $800\,000 + 30\,000$

D $8\,000\,000 + 30\,000$

2. Diagram 1 consists of several rectangles of equal size.
Rajah 1 terdiri daripada beberapa buah segi empat tepat yang sama besar.

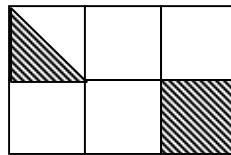


Diagram 1
Rajah 1

What fraction of the diagram is shaded?
Berapakah pecahan daripada seluruh rajah yang dilorek itu?

A $\frac{2}{3}$

B $\frac{1}{4}$

C $\frac{3}{4}$

D $\frac{3}{8}$

3. Which of the following does not lie between 5.5 and 5.8 ?
Antara berikut, yang manakah tidak terletak antara 5.5 dan 5.8 ?

A $5\frac{3}{4}$

B $5\frac{3}{5}$

C $5\frac{7}{10}$

D $5\frac{17}{100}$

4. A solid has the following characteristics.
Sebuah pepejal mempunyai ciri-ciri berikut.

- 2 flat faces
2 permukaan rata
- 1 curved surface
1 permukaan melengkung
- No vertices
Tiada bucu

The solid is
Pepejal itu ialah

- | | |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <p>A A cone
<i>Kon</i></p> <p>C A cylinder
<i>Silinder</i></p> | <p>B A cube
<i>Kubus</i></p> <p>D A sphere
<i>Sfera</i></p> |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
5. Which of the following is **not correct**?
*Antara berikut, yang manakah **tidak benar**?*
- | | |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| <p>A 9 cm = 0.09 m</p> <p>C 4.2 cm = 420 mm</p> | <p>B 250 m = 0.25 km</p> <p>D 3 m 6 cm = 306 cm</p> |
|---------------------------------------------------------------|-------------------------------------------------------------------|

6. Which of the following is **false**?
*Antara berikut, yang manakah **salah**?*

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A 4:40 p.m. = 1640 hours

 <i>4:40 p.m. = Jam 1640</i></p> <p>C $1\frac{1}{2}$ days = 36 hours

 <i>$1\frac{1}{2}$ hari = 36 jam</i></p> | <p>B $\frac{1}{4}$ century = 25 years

 <i>$\frac{1}{4}$ abad = 25 tahun</i></p> <p>D $2\frac{3}{4}$ hours = 175 minutes

 <i>$2\frac{3}{4}$ jam = 175 minit</i></p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

7. Which of the following measurements is nearest to 4 ℓ ?
Antara isi padu berikut, yang manakah paling dekat dengan 4 ℓ ?

A 3.97 ℓ

B 4.1 ℓ

C 3 950 mℓ

D 4 020 mℓ

8. $26\ 420 \div 25 =$

A 156

B 1 056

C 1 056 remainder 20
1 056 baki 20

C 1 560 remainder 20
1 560 baki 20

9. $\frac{5}{6} + \frac{1}{3} + \frac{2}{9} =$

A $1\frac{7}{18}$

B $1\frac{8}{9}$

C $1\frac{4}{9}$

D $1\frac{1}{2}$

10. $30 \cdot 4 - 17 - 6 \cdot 395 =$

A 3·115

B 6·835

C 7·005

D 9·625

11. RM650 incersed by 40% is
RM650 ditambah sebanyak 40% menjadi

A RM910

B RM810

C RM790

D RM690

12. $7 \times 50 - (4 + 34) =$

A 84

B 312

C 380

D 560

13. $5 \cdot 03 + 12 \cdot 7 - 8 \cdot 169 =$

A 8.799

B 9.561

C 9.651

D 54.831

14. Which of the following has a total more than 10?

Antara yang berikut, yang manakah hasil tambahnya lebih daripada 10?

A $9\frac{1}{2} + 0.006$

B $9\frac{1}{2} + 0.06$

C $9\frac{1}{2} + 0.065$

D $9\frac{1}{2} + 0.6$

15. $1\frac{3}{8}$ of 256 is

$1\frac{3}{8}$ daripada 256 ialah

A 288

B 352

C 416

D 480

16. $3 \ell 95 \text{ m} \ell \times 8 =$

A 24 760 m ℓ

B 25 000 m ℓ

C 41 600 m ℓ

D 48 000 m ℓ

17. What time is $\frac{3}{4}$ hour before 2235 hours?

Pukul berapakah $\frac{3}{4}$ jam sebelum jam 2235?

- A 9:50 p.m. B 10:35 p.m.
 C 9:50 a.m. D 11:20 p.m.
18. Diagram 2 shows the total mass of a papaya and a watermelon.
Rajah 2 menunjukkan jumlah jisim bagi sebiji betik dan sebiji tembikai.

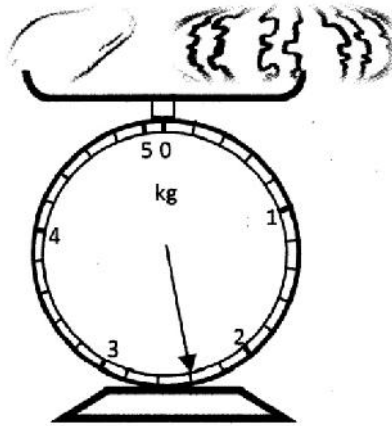


Diagram 2
 Rajah 2

The mass of the watermelon is twice of the mass of the papaya. Find the mass, in g, of the watermelon.

Jisim tembikai adalah 2 kali jisim betik. Cari jisim, dalam g, tembikai itu.

- A 800 B 1 200
 C 1 600 D 2 400
19. $5\frac{1}{4}$ m – 30 cm =
- A 4 m 84 cm B 4 m 95 cm
 C 5 m 5 cm D 5 m 22 cm

20. Diagram 3 shows the masses of three parcels, P, Q, and R.
Rajah 3 menunjukkan jisim bagi tiga buah bungkusan P, Q, dan R.

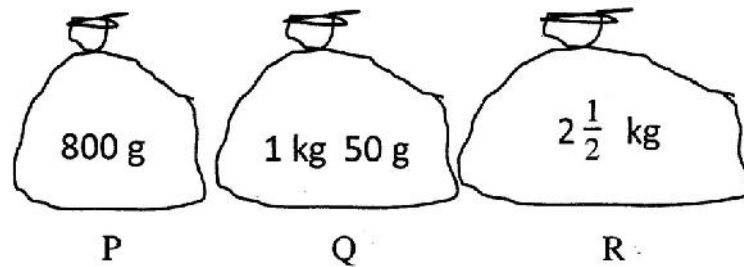


Diagram 3
Rajah 3

Calculate the average mass, in g, of the three parcels.
Hitung purata jisim, dalam g, tiga buah bungkusan itu.

- A 1 320 B 1 450
C 3 960 D 4 350
21. Table 1 shows the number of books borrowed by 3 pupils.
Jadual 1 menunjukkan bilangan buku yang dipinjam oleh 3 orang murid.

Name <i>Nama</i>	Number of books <i>Bilangan buku</i>
Karim	8
Lina	2 books more than Karim <i>2 buku lebih daripada Karim</i>
Manjit	1 book less than Lina <i>1 buku kurang daripada Lina</i>

Table 1
Jadual 1

Calculate the total of the number of books borrowed by them.
Hitung bilangan buku yang yang mereka pinjam.

- A 11 B 18
C 25 D 27

- 22.** Eddy has 200 marbles. He gives $\frac{1}{4}$ of the marbles to Farid. Then, he gives $\frac{2}{5}$ of the remaining marbles to Gopal. What percentage of the marbles does Eddy have left?
Eddy ada 200 biji guli. Dia memberi $\frac{1}{4}$ daripada guli itu kepada Farid. Kemudian dia memberi $\frac{2}{5}$ daripada baki guli itu kepada Gopal. Berapa peratus guli Eddy yang tinggal?
- A** 35% **B** 45%
C 55% **D** 90%
- 23.** Table 2 shows the saving of three pupils in a week.
Jadual 2 menunjukkan wang simpanan bagi tiga orang murid dalam satu minggu.

Name Nama	Savings Wang Simpanan
Ahmad	RM450
Balan	RM90 more than Ahmad <i>RM90 lebih daripada Ahmad</i>
Cindy	$\frac{2}{5}$ of Ahmad's and Balan's savings $\frac{2}{5}$ daripada wang simpanan Ahmad dan Balan

Table 2
Jadual 2

Calculate their total savings.
Hitung jumlah wang simpanan mereka.

- A** RM 366 **B** RM 816
C RM 1 256 **D** RM 1 386

25. Diagram 4 shows the prices of two items before discount.
Rajah 4 menunjukkan harga bagi dua jenis barang sebelum diskaun.



Diagram 4
Rajah 4

Mr Yap bought 2 pairs of shoes at a discount of 20% and a ball at a discount of 15%. He paid to a cashier a certain amount of money and his change was RM7. How much did he pay to the cashier?

Encik Yap membeli 2 pasang kasut dengan diskaun 20% dan sebiji bola dengan diskaun 15%. Dia membayar sejumlah wang kepada juruwang dan menerima baki sebanyak RM7. Berapa wang yang dibayar kepada juruwang itu?

- | | | | |
|----------|-------|----------|-------|
| A | RM156 | B | RM163 |
| C | RM170 | D | RM200 |

26. Diagram 5 shows the daily opening and closing time of a shop.
Rajah 5 menunjukkan masa sebuah kedai dibuka dan ditutup setiap hari.

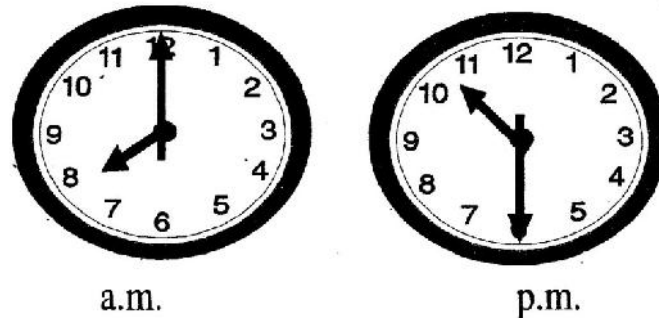


Diagram 5
Rajah 5

The shop is closed on Saturday and Sunday. Find the total opening hours of the shop in a week.

Kedai itu ditutup pada hari Sabtu dan Ahad. Kira jumlah masa kedai itu beroperasi dalam seminggu.

- | | | | |
|----------|-------------------------------------------------|----------|-------------------------------------------------|
| A | 71 hours 30 minutes
<i>71 jam 30 minit</i> | B | 72 hours 30 minutes
<i>72 jam 30 minit</i> |
| C | 100 hours 10 minutes
<i>100 jam 10 minit</i> | D | 101 hours 30 minutes
<i>101 jam 30 minit</i> |

27. Diagram 6 shows 4 cans of milk on an equal arm balance.
Rajah 6 menunjukkan 4 tin susu di atas sebuah alat penimbang.



Diagram 6
Rajah 6

The mass of a can of milk is 440g. How many weights of 80 g are needed to balance the 4 cans of milk?

Jisim bagi satu tin susu ialah 440g. Berapa bilangan pemberat 80 g diperlukan untuk mengimbangi 4 tin susu?

- | | | | |
|----------|----|----------|----|
| A | 9 | B | 11 |
| C | 22 | D | 25 |

28. Diagram 7 shows the road map of four places, P, Q, R, dan S.
Rajah 7 menunjukkan peta jalan bagi empat buah tempat, P, Q, R, dan S.

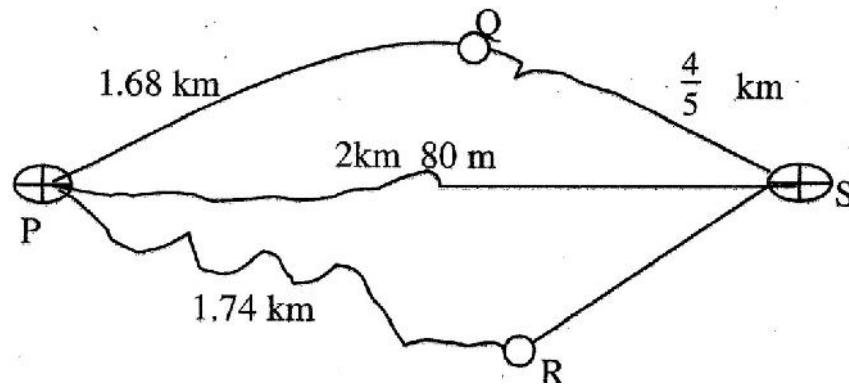


Diagram 7
Rajah 7

The distance from R to S is $\frac{1}{3}$ of the distance from P to R. Find the difference distance, in m, between the longest and the shortest route from P to S.

Jarak dari R ke S ialah $\frac{1}{3}$ daripada jarak P ke R. Cari beza jarak, dalam m, antara laluan yang terjauh dengan laluan terdekat dari P ke S.

- | | | | |
|----------|-----|----------|-----|
| A | 400 | B | 310 |
| C | 300 | D | 240 |

29. Diagram 8 shows the amount of water in three containers.
Rajah 8 menunjukkan isi padu air di dalam 3 buah bekas.

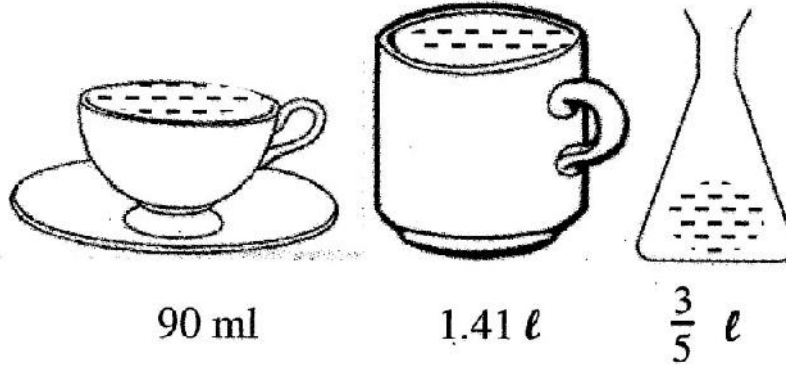


Diagram 8
Rajah 8

All the water is poured in equal amounts into 4 containers. Find the volume, in $m\ell$, of water in each container.

Seluruh air itu dimasukkan sama banyak ke dalam 4 buah bekas. Cari isi padu. Dalam $m\ell$, air di dalam setiap bekas.

- | | |
|-----------------------------------------------|-----------------------------------------------|
| <p>A 375</p> <p>C 525</p> | <p>B 465</p> <p>D 700</p> |
|-----------------------------------------------|-----------------------------------------------|

30. Diagram 9 shows the number of marbles in three beakers, W, X, and Y.
Rajah 9 menunjukkan bilangan guli di dalam tiga buah bikar, W, X, dan Y.

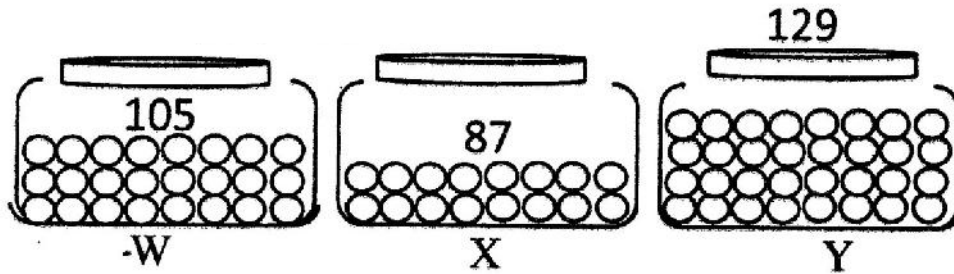


Diagram 9
Rajah 9

Average number of marbles in a beaker becomes 90. How many marbles should be taken out from the beakers?

Purata bilangan guli di dalam sebuah bikar menjadi 90 biji. Berapa bilangan guli yang perlu dikeluarkan daripada bikar-bikar itu?

- | | | | |
|----------|----|----------|----|
| A | 21 | B | 25 |
| C | 30 | D | 51 |

- 31.** Diagram 10 is a pictograph showing the number of dictionaries sold by a bookshop in four months.

Rajah 10 ialah sebuah piktograf yang menunjukkan bilangan kamus yang dijual oleh sebuah kedai selama 4 bulan.







January <i>Januari</i>	
February <i>Februari</i>	
March <i>Mac</i>	
April <i>April</i>	

Diagram 10
Rajah 10

The total number of dictionaries sold in four months is 300. How many dictionaries does each  represent?

Jumlah kamus yang dijual dalam empat bulan ialah 300 buah. Berapa bilangan kamus yang diwakili oleh setiap  ?

- A 10
- B 15
- C 20
- D 25
- 32.** A box can hold 400 to 450 beads. Zul wants to fill 14 similar boxes with the beads. Which of the following is the most appropriate estimation of the total number of beads needed by Zul.

Sebuah kotak boleh menampung 400 hingga 450 biji manik. Zul ingin mengisi 14 kotak yang sama dengan manik. Antara berikut, yang manakah anggaran yang paling sesuai bagi bilangan manik yang Zul perlukan.

- A 1 640
- B 5 500
- C 5 700
- D 7 020

33. Diagram 11 is a bar graph shows the numbers of pupils were absent to school in a certain day.

Rajah 11 merupakan sebuah graf bas yang menunjukkan bilangan murid yang tidak hadir ke sekolah pada satu hari tertentu.

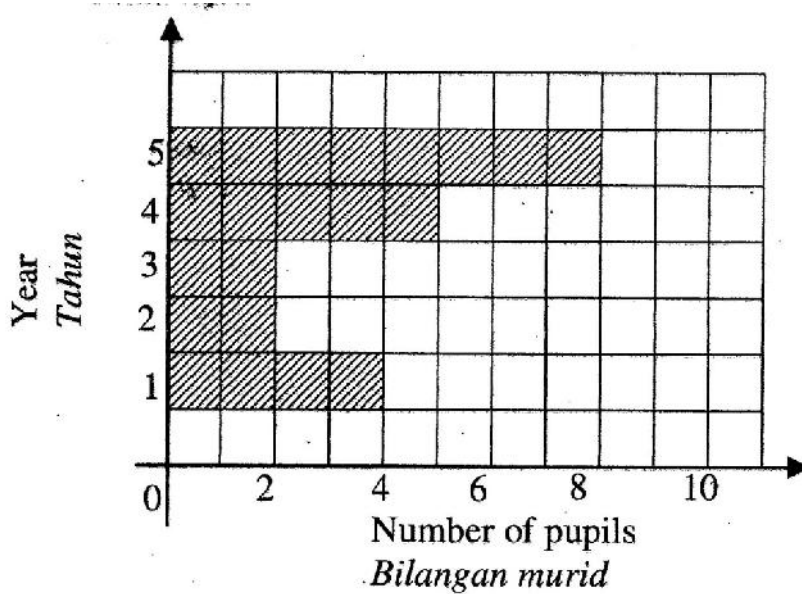


Diagram 11
Rajah 11

There were 700 pupils in that school. Find the percentage of attendance of that day.
Terdapat 700 orang murid di sekolah itu. Cari peratusan kehadiran pada hari itu.

- | | | | |
|----------|-----|----------|-----|
| A | 3% | B | 21% |
| C | 79% | D | 97% |

34. Diagram 12 shows a square PQRS with sides of 8 cm.
Rajah 12 menunjukkan sebuah segi empat sama yang bersisi 8 cm.

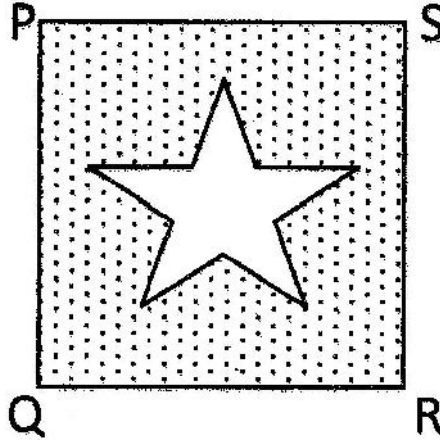


Diagram 12
Rajah 12

The area of the unshaded region is $\frac{1}{4}$ of the area of the square PQRS. What is the area, in cm^2 , of the shaded region?

Luas bagi kawasan yang tidak berlerek adalah $\frac{1}{4}$ daripada luas segi empat sama PQRS. Berapa luas, dalam cm^2 , kawasan yang berlerek?

- | | | | |
|----------|----|----------|----|
| A | 48 | B | 36 |
| C | 32 | D | 16 |

35. Diagram 13 consists of five equilateral triangles in an equal size.
Rajah 13 terdiri daripada lima segi tiga sama sisi yang sama saiz.

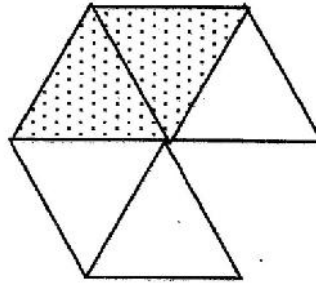


Diagram 13
Rajah 13

The perimeter of the shaded area is 20 cm. Find the perimeter, in cm, of the whole diagram.

Perimeter bagi kawasan yang berlorek ialah 20 cm. Cari perimeter, dalam cm, seluruh rajah itu.

- | | | | |
|----------|----|----------|----|
| A | 25 | B | 28 |
| C | 35 | D | 55 |

36. Diagram 14 consists of three identical cuboids.
Rajah 14 terdiri daripada gabungan tiga buah kuboid yang sama.

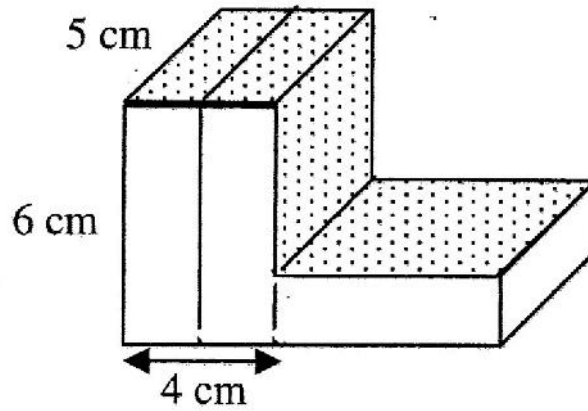


Diagram 14
Rajah 14

Find the area, in cm^2 , of the shaded region.
Cari luas dalam cm^2 , bahagian yang berlorek.

- | | | | |
|----------|----|----------|-----|
| A | 70 | B | 80 |
| C | 90 | D | 100 |

37. Table 4 shows the volume of orange juice in four containers, P, Q, R, and S.
Jadual 4 menunjukkan isi padu jus oren did ala empat buah bekas, P, Q, R, dan S.

P	$\frac{4}{5}$ of the volume Q <i>$\frac{4}{5}$ daripada isi padu Q</i>
Q	$3\frac{1}{2} \ell$
R	600 m ℓ less than S <i>600m ℓ kurang daripada S</i>
S	$1\frac{1}{2}$ times the volume of P <i>$1\frac{1}{2}$ kali isi padu P</i>

Table 4
Jadual 4

Which container has the largest volume of orange juice?
Bekas yang mana mempunyai isi padu jus oren yang paling banyak?

- | | |
|---------------------------------------------------------|---------------------------------------------------------|
| <p>A P</p> <p>C R</p> | <p>B Q</p> <p>D S</p> |
|---------------------------------------------------------|---------------------------------------------------------|

38. Table 5 shows the number of pupils in Year 5 and Year 6 in a school.
Jadual 5 menunjukkan bilangan murid Tahun 5 dan Tahun 6 di sesebuah sekolah.

Year 5 <i>Tahun 5</i>		Year 6 <i>Tahun 6</i>	
Boy <i>Lelaki</i>	Girl <i>Perempuan</i>	Boy <i>Lelaki</i>	Girl <i>Perempuan</i>
14	28	17	22

Table 5
Jadual 5

Based on the table, all the following statement are true, **except...**
*Berdasarkan jadual, semua kenyataan berikut adalah benar, **kecuali...***

- A** The difference in number of pupils between Year 5 and Year 6 is 4
Beza bilangan murid Tahun 5 dan Tahun 6 ialah 4 orang
- B** In Year 5, the number of boys is half of the number of girls.
Dalam Tahun 5, bilangan murid lelaki adalah separuh daripada bilangan murid perempuan.
- C** The total number of pupils in Year 5 and Year 6 are 81.
Jumlah bilangan murid Tahun 5 dan Tahun 6 ialah 81 orang.
- D** The total number of girls is 19 more than the total number of boys.
Jumlah bilangan murid perempuan adalah 19 orang lebih daripada jumlah bilangan murid lelaki.

39. Diagram 15 is an incomplete bill shows the price of three items.
Rajah 15 ialah bil yang tidak lengkap yang menunjukkan harga bagi tiga jenis barang.

Quantity <i>Bilangan</i>	Item Barang	Price per unit <i>Harga seunit</i>	Price <i>Harga</i>
40	Pencil <i>Pensel</i>	RM0.60	RM24.00
32	Ruler <i>Pembaris</i>	RM0.50	RM16.00
5	Scissors <i>Gunting</i>		
Total <i>Jumlah</i>			

Diagram 15
Rajah 15

The total price of the pencils is half of the total payment. What is the price of pair of scissors?

Jumlah harga pensel adalah separuh daripada jumlah bayaran. Berapa harga bagi sebilah gunting?

- | | | | |
|----------|--------|----------|--------|
| A | RM1.20 | B | RM1.50 |
| C | RM1.60 | D | RM3.20 |

40. In Diagram 16, W, X, Y and Z are drawn on squares of equal size.
Dalam Rajah 16, segi tiga W, X, Y, dan Z dilukis di atas petak-petak segi empat yang sama saiz.

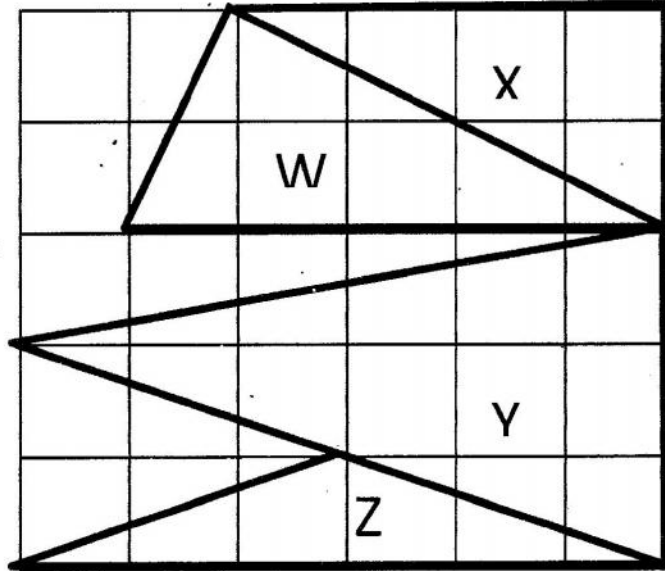


Diagram 16
 Rajah 16

Which of the following is **correct**?
Antara berikut, pernyataan manakah yang benar?

- A The area of triangle W is the same as the area of triangle Y
Luas segi tiga W adalah sama dengan luas segi tiga Y
- B The area of triangle X is 24 cm^2
Luas segi tiga X ialah 24 cm^2
- C The area of triangle X is 4 times the area of triangle W
Luas segi tiga X adalah 4 kali ganda luas segi tiga W
- D The area of triangle Y is 3 times the area of triangle Z
Luas segi tiga Y adalah 3 kali ganda luas segi tiga Z

KERTAS SOALAN TAMAT