

# JAWAPAN

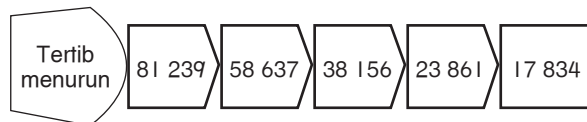
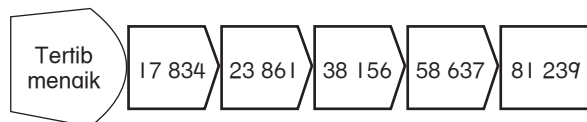
## Unit 1 Nombor Hingga 100 000

### PRAKTIS KENDIRI

#### 1.1

- A**
- 1 Empat puluh sembilan ribu seratus tujuh puluh
  - 2 Tujuh puluh satu ribu lima belas
  - 3 Dua puluh empat ribu lima ratus dua
  - 4 Lapan puluh tiga ribu enam ratus dua puluh tujuh
- B**
- 1 14 014
  - 2 91 707
  - 3 68 329
  - 4 36 172
- C**
- 1 puluh ribu; 10 000
  - 2 ratus; 700
  - 3 puluh ribu; 60 000
- D**
- 1  $80\,000 + 900 + 30 + 4$
  - 2  $90\,000 + 5\,000 + 60 + 4$
  - 3  $30\,000 + 2\,000 + 800 + 70 + 2$
- E**
- 1 2 puluh ribu + 7 ribu + 2 ratus + 1 puluh + 6 sa
  - 2 8 puluh ribu + 9 ratus + 7 sa
- F**
- 1 Tertib menaik: 27 534; 52 172; 61 586; 86 943  
Tertib menurun: 86 943; 61 586; 52 172; 27 534
  - 2 Tertib menaik: 39 278; 41 916; 58 274; 91 067  
Tertib menurun: 91 067; 58 274; 41 916; 39 278

#### G



#### 1.2

- A**
- 1 lebih daripada
  - 2 kurang daripada
  - 3 lebih daripada
- B**
- 1 100 biji guli
  - 2 5 000 orang
  - 3 12 biji epal

#### 1.3

- A**
- 1 22 100; 52 100
  - 2 45 503; 45 603
  - 3 73 123; 74 123

- B**
- 1 Berkurang sepuluh-sepuluh
  - 2 12 360; 12 350, 12 345
  - 3 Bertambah lapan-lapan

#### 1.4

- A**
- 1 49 230; 49 200; 49 000; 50 000
  - 2 70 540; 70 500; 71 000; 70 000
  - 3 83 730; 83 700; 84 000; 80 000
- B**
- 1 50 000
  - 2 41 000
  - 3 43 000
- C**
- 1 90 000
  - 2 23 773
  - 3 70 970
- D**
- 1 21 395; 21 437
  - 2 54 343; 49 100
  - 3 91 733; 92 214
- E**
- 1 Suku =  $\frac{1}{4} = 30$   
Penuh =  $30 \times 4 = 120$
  - 2 Sebarang nombor yang mungkin  
64 690; 64 715; 64 729; 64 655; 64 687
  - 3  $Q = 5 + 2 = 7$   
 $P = 9$   
 $89\,572 = 90\,000$
  - 4 Rumah ke-12  
 $= 36 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2$   
 $= 36 + 18$   
 $= 54$

### PRAKTIS SUMATIF

#### Soalan Objektif

- |     |     |     |     |      |
|-----|-----|-----|-----|------|
| 1 A | 2 B | 3 B | 4 C | 5 B  |
| 6 D | 7 C | 8 D | 9 A | 10 C |

#### Soalan Subjektif

- 1 Lapan puluh enam ribu tiga belas
- 2 70 632
- 3 40 000
- 4 63 451
- 5 41 250
- 6 100
- 7 11 400; 25 613; 36 874; 49 007
- 8 9 puluh ribu + 3 ribu + 5 ratus + 8 sa
- 9  $30\,000 + 4\,000 + 500 + 20 + 7$
- 10 40 000

## PRAKTIS KENDIRI

## 2.1

- A
- |   |        |   |        |
|---|--------|---|--------|
| 1 | 59 949 | 4 | 89 879 |
| 2 | 93 317 | 5 | 59 787 |
| 3 | 59 983 |   |        |
- B
- |   |        |   |        |
|---|--------|---|--------|
| 1 | 97 876 | 3 | 48 898 |
| 2 | 78 999 |   |        |
- C
- |   |        |   |        |
|---|--------|---|--------|
| 1 | 88 265 | 5 | 59 311 |
| 2 | 50 633 | 6 | 49 127 |
| 3 | 48 908 | 7 | 73 132 |
| 4 | 68 948 |   |        |
- D
- |   |        |
|---|--------|
| 1 | 80 504 |
| 2 | 69 204 |
| 3 | 52 401 |
| 4 | 46 351 |
| 5 | 63 388 |

## 2.2

- A
- |   |  |
|---|--|
| 1 | $23\,300 + 48\,700 = 72\,000$          |
| 2 | $8\,785 + 65\,435 + 23\,454 = 97\,674$ |
| 3 | $24\,054 + 4\,536 + 24\,054 = 52\,644$ |
- B
- |   |  |
|---|--|
| 1 | Bilangan guli Jason<br>$= 367 + 80$<br>$= 447$<br>Bilangan guli Jarjit<br>$= 447 + 112$<br>$= 559$                               |
| 2 | Bilangan bunga di kedai R<br>$= 418 + 62 = 480$<br>Jumlah bunga di 3 kedai<br>$= 418 + 580 + 480$<br>$= 1\,478$                  |
| 3 | Bilangan setem dalam negara<br>$= 2\,316 + 1\,018$<br>$= 3\,334$<br>Jumlah setem<br>$= 2\,316 + 3\,334 + 45 + 114$<br>$= 5\,809$ |

## 2.3

- A
- Beberapa buah buku cerita Bahasa Inggeris
  - Beberapa helai tudung hitam
  - Beberapa orang pelanggan
  - Sejumlah murid perempuan
  - Sebilangan guli berwarna ungu
- B
- |   |                         |
|---|-------------------------|
| 1 | $25\,647 + R = 50\,213$ |
| 2 | $436 + P = 512$         |
| 3 | $526 + Q = 1\,215$      |
| 4 | $418 + S = 450$         |

## PRAKTIS SUMATIF

## Soalan Objektif

- |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|
| 1 | C | 2 | B | 3 | D | 4 | B | 5 | A |
| 6 | D |   |   |   |   |   |   |   |   |

## Soalan Subjektif

- $6\,345 + 18\,247 = 24\,592$
- $10\,285 + 63\,009 = 73\,294$
- $101 + 7\,564 + 38\,625 = 46\,290$
- $10\,512 + 25\,600 + 9\,265 = 45\,377$

## PRAKTIS KENDIRI

## 3.1

- A
- |   |        |   |        |
|---|--------|---|--------|
| 1 | 43 282 | 5 | 35 111 |
| 2 | 48 742 | 6 | 45 098 |
| 3 | 67 924 | 7 | 67 162 |
| 4 | 34 179 |   |        |

B

1	5 6 7 8 4
-	3 1 6 1 4
<hr/>	
	2 5 1 7 0

2	3 5 5 9 7
-	4 0 0 5
<hr/>	
	3 1 5 9 2

3	4 3 4 5 6
-	3 2 1 0 1
<hr/>	
	1 1 3 5 5

## 3.2

A

1	7 <sup>10</sup>
<del>8</del>	<del>1</del> <sup>10</sup>
<del>0</del>	<del>0</del> <sup>3</sup>
<del>4</del>	<del>4</del> <sup>12</sup>
<del>2</del>	<del>2</del>
<hr/>	
	- 3 1 7 1 4
<hr/>	
	4 9 3 2 8
<hr/>	
	4 9 3 2 8
-	3 2 0
<hr/>	
	4 9 0 0 8

2	2 <sup>13</sup>
<del>3</del>	<del>4</del> <sup>10</sup>
<del>1</del>	<del>1</del> <sup>10</sup>
<del>8</del>	<del>7</del> <sup>10</sup>
<del>9</del>	<del>9</del> <sup>10</sup>
<del>1</del>	<del>1</del>
<hr/>	
	- 1 8 7 9 1
<hr/>	
	1 5 3 1 9

	1 5	3 <sup>2</sup>	1 <sup>11</sup>	9
-			8 3	
<hr/>				
	1 5 2 3 6			

3	5 7	3 <sup>2</sup>	2 <sup>12</sup>	8
-	7 1 7 3			
<hr/>				
	5 0 1 5 5			

	5	0	1	5 5
<del>5</del>	<del>0</del> <sup>9</sup>	<del>1</del> <sup>11</sup>	5 5	
-		5 4 1		
<hr/>				
	4 9 6 1 4			

$$\begin{array}{r} 4 \quad \quad \quad \begin{array}{ccc} 7 & 15 & \\ 4 & 1 & 8 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ - \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 4 \quad 1 \quad 1 \quad 6 \quad 0 \end{array}$$

$$\begin{array}{r} \quad \quad \quad \begin{array}{ccc} 0 & 11 & 5 \\ 4 & 1 & 1 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ - \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 4 \quad 0 \quad 4 \quad 1 \quad 1 \end{array}$$

$$\begin{array}{r} 5 \quad \quad \quad \begin{array}{ccc} 6 & 13 & 1 \\ 7 & 3 & 2 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ - \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 6 \quad 5 \quad 0 \quad 7 \quad 0 \end{array}$$

$$\begin{array}{r} \quad \quad \quad \begin{array}{ccc} 9 & 16 & \\ 6 & 5 & 0 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ - \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 6 \quad 4 \quad 5 \quad 7 \quad 5 \end{array}$$

$$\begin{array}{r} 6 \quad \quad \quad \begin{array}{ccc} 9 & 10 & \\ 8 & 0 & 1 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ - \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 5 \quad 1 \quad 1 \quad 6 \quad 8 \end{array}$$

$$\begin{array}{r} \quad \quad \quad \begin{array}{ccc} 4 & 11 & \\ 5 & 1 & 0 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ - \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 4 \quad 6 \quad 0 \quad 6 \quad 4 \end{array}$$

$$\begin{array}{r} 7 \quad \quad \quad \begin{array}{ccc} 6 & 11 & 2 \\ 2 & 7 & 1 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ - \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 2 \quad 6 \quad 5 \quad 1 \quad 4 \end{array}$$

$$\begin{array}{r} \quad \quad \quad \begin{array}{ccc} 14 & 10 & \\ 2 & 1 & 4 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ - \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 2 \quad 4 \quad 5 \quad 6 \quad 7 \end{array}$$

### 3.3

- A 1  $26\,089 - 17\,987 = 8\,102$   
 2  $53\,548 - 13\,555 = 39\,993$   
 3  $35\,532 - 9\,018 = 26\,514$

- B 1 Bilangan tiket kanak-kanak  
 $= 35\,415 - 18\,523$   
 $= 16\,892$   
 Bilangan tiket kanak-kanak yang belum terjual  
 $= 16\,892 - 12\,817$   
 $= 4\,075$   
 2 Bilangan kertas biru  
 $= 8\,230 - 450$   
 $= 7\,780$   
 Bilangan kertas kuning  
 $= 20\,000 - 8\,230 - 7\,780$   
 $= 3\,990$

- 3 Bilangan biskut perisa oren  
 $= 2\,500 - 185$   
 $= 2\,315$   
 Bilangan biskut perisa susu  
 $= 6\,710 - 2\,500 - 2\,315$   
 $= 1\,895$

### 3.4

- A 1 Sebilangan guli berwarna hijau  
 2 Sejumlah telur  
 3 Sebahagian daripadanya adalah komik Bahasa Inggeris  
 4 Sejumlah bekalan tin susu cair dan susu pekat  
 5 Sejumlah guli
- B 1  $220 - T = 118$   
 2  $R - 120 = 5\,092$   
 3  $920 - X = 884$   
 4  $11\,048 - Q = 8\,413$   
 5  $10\,000 - T = 4\,500$

### PRAKTIS SUMATIF

#### Soalan Objektif

- 1 C      2 A      3 D      4 B      5 A  
 6 D

#### Soalan Subjektif

- 1  $30\,564 - 4\,683 = 25\,881$   
 2  $85\,674 - 46\,276 = 39\,398$   
 3  $92\,060 - 48\,634 - 645 = 42\,781$   
 4  $23\,465 - 5\,216 - 9\,402 = 8\,847$

### Unit 4 Darab

### PRAKTIS KENDIRI

#### 4.1

- A 1 27 390

$$\begin{array}{r} \quad \quad \quad \begin{array}{ccc} 2 & 3 & 4 \\ 5 & 4 & 7 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \times \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 2 \quad 7 \quad 3 \quad 9 \quad 0 \end{array}$$

- 2 12 286

$$\begin{array}{r} \quad \quad \quad \begin{array}{ccc} 6 & 1 & 4 \\ 6 & 1 & 4 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \times \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 1 \quad 2 \quad 2 \quad 8 \quad 6 \end{array}$$

- 3 19 920

$$\begin{array}{r} \quad \quad \quad \begin{array}{ccc} 3 & 3 & \\ 4 & 9 & 8 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \times \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 1 \quad 9 \quad 9 \quad 2 \quad 0 \end{array}$$

- 4 18 978

$$\begin{array}{r} \quad \quad \quad \begin{array}{ccc} & & 1 \\ 6 & 3 & 2 \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \times \quad \quad \quad \begin{array}{ccc} & & \\ & & \\ & & \end{array} \begin{array}{ccc} & & \\ & & \\ & & \end{array} \\ \hline 1 \quad 8 \quad 9 \quad 7 \quad 8 \end{array}$$

$$\begin{array}{r} 5 \ 6 \ 426 \\ \times \quad 3 \ 2 \ 1 \ 3 \\ \hline 6 \ 4 \ 2 \ 6 \end{array}$$

$$\begin{array}{r} 6 \ 8 \ 484 \\ \times \quad 2 \ 1 \ 2 \ 1 \\ \hline 8 \ 4 \ 8 \ 4 \end{array}$$

$$\begin{array}{r} 7 \ 3 \ 906 \\ \times \quad 1 \ 3 \ 0 \ 2 \\ \hline 3 \ 9 \ 0 \ 6 \end{array}$$

$$\begin{array}{r} 8 \ 63 \ 207 \\ \times \quad 7 \ 0 \overset{2}{2} \overset{2}{3} \\ \hline 6 \ 3 \ 2 \ 0 \ 7 \end{array}$$

**B** 1 55 440

$$\begin{array}{r} \times \quad 7 \ 2 \ 0 \\ \quad \quad 7 \ 7 \\ \hline 5 \ 0 \ 4 \ 0 \\ 5 \ 0 \ 4 \ 0 \\ \hline 5 \ 5 \ 4 \ 4 \ 0 \end{array}$$

2 65 934

$$\begin{array}{r} \times \quad 6 \ 6 \ 6 \\ \quad \quad 9 \ 9 \\ \hline 5 \ 9 \ 9 \ 4 \\ 5 \ 9 \ 9 \ 4 \\ \hline 6 \ 5 \ 9 \ 3 \ 4 \end{array}$$

3 23 128

$$\begin{array}{r} \times \quad 4 \ 1 \ 3 \\ \quad \quad 5 \ 6 \\ \hline 2 \ 4 \ 7 \ 8 \\ 2 \ 0 \ 6 \ 5 \\ \hline 2 \ 3 \ 1 \ 2 \ 8 \end{array}$$

4 33 496

$$\begin{array}{r} \times \quad 6 \ 3 \ 2 \\ \quad \quad 5 \ 3 \\ \hline 1 \ 8 \ 9 \ 6 \\ 3 \ 1 \ 6 \ 0 \\ \hline 3 \ 3 \ 4 \ 9 \ 6 \end{array}$$

5 29 505

$$\begin{array}{r} \times \quad 8 \ 4 \ 3 \\ \quad \quad 3 \ 5 \\ \hline 4 \ 2 \ 1 \ 5 \\ 2 \ 5 \ 2 \ 9 \\ \hline 2 \ 9 \ 5 \ 0 \ 5 \end{array}$$

6 20 928

$$\begin{array}{r} \times \quad 6 \ 5 \ 4 \\ \quad \quad 3 \ 2 \\ \hline 1 \ 3 \ 0 \ 8 \\ 1 \ 9 \ 6 \ 2 \\ \hline 2 \ 0 \ 9 \ 2 \ 8 \end{array}$$

7 27 066

$$\begin{array}{r} \times \quad 6 \ 9 \ 4 \\ \quad \quad 3 \ 9 \\ \hline 6 \ 2 \ 4 \ 6 \\ 2 \ 0 \ 8 \ 2 \\ \hline 2 \ 7 \ 0 \ 6 \ 6 \end{array}$$

8 24 705

$$\begin{array}{r} \times \quad 3 \ 0 \ 5 \\ \quad \quad 8 \ 1 \\ \hline 3 \ 0 \ 5 \\ 2 \ 4 \ 4 \ 0 \\ \hline 2 \ 4 \ 7 \ 0 \ 5 \end{array}$$

- C** 1 41 000                      4 31 000  
 2 20 500                      5 50 000  
 3 79 000

**D** 1 37 395

	8	3	1	×	
3	3	1	0		4
	2	2	4		
7	4	1	0		5
	0	5	5		
	3	9	5		

2 16 170

	7	3	5	×	
1	1	0	1		2
	4	6	0		
6	1	0	1		2
	4	6	0		
	1	7	0		

3 27 900

	2	7	9	×	
0	0	0	0		1
	2	7	9		
2	0	0	0		0
	0	0	0		
7	0	0	0		0
	0	0	0		
	9	0	0		

4 9 4 1 8

	5	5	4	×
0	0	10	10	1
	5	5	4	
9	3	3	2	7
	5	5	8	
	4	1	8	

5 8 8 4 0 7

	8	9	3	×
8	17	18	12	9
	2	1	7	
8	7	8	2	9
	2	1	7	
	4	0	7	

4.2

- A
- 1  $1\ 000 \times 14 = 14\ 000$
  - 2  $24 \times 12 = 288$
  - 3  $20 \times 100 = 2\ 000$
  - 4  $15 \times 290 = 4\ 350$
- B
- 1 Jumlah buku yang dibaca dalam bulan Julai  
 $= 31 \times 2$   
 $= 62$
  - 2 Jumlah ciku untuk dieksport  
 $= 90 \times 400$   
 $= 36\ 000$
  - 3 Bilangan setem Osman  
 $= 2 \times 135$   
 $= 270$   
 Bilangan setem Ikmal  
 $= 3 \times 270$   
 $= 810$
  - 4 Bilangan bungkus karipap yang dipesan  
 $= 50 + 50 + (3 \times 50)$   
 $= 100 + 150$   
 $= 250$   
 Jumlah karipap yang dipesan  
 $= 250 \times 100$   
 $= 12\ 500$

PRAKTIS SUMATIF

Soalan Objektif

- 1 D      2 B      3 C      4 A      5 D  
 6 D      7 B

Soalan Subjektif

- 1  $7\ 201 \times 4 = 28\ 804$
- 2  $956 \times 34 = 32\ 504$
- 3  $526 \times 100 = 52\ 600$
- 4  $99 \times 1\ 000 = 99\ 000$
- 5  $500 \times 50 = 25\ 000$
- 6  $450 \times 60 = 27\ 000$

PRAKTIS KENDIRI

5.1

- A
- 1  $46\ 926 \div 9 = 5\ 214$
  - 2  $52\ 770 \div 6 = 8\ 795$
  - 3  $45\ 522 \div 7 = 6\ 503$  baki 1
  - 4  $95\ 218 \div 5 = 19\ 043$  baki 3
  - 5  $21\ 704 \div 3 = 7\ 234$  baki 2
- B
- 1  $89\ 320 \div 20 = 4\ 466$
  - 2  $60\ 528 \div 13 = 4\ 656$
  - 3  $27\ 734 \div 23 = 1\ 205$  baki 19
  - 4  $56\ 234 \div 31 = 1\ 814$
  - 5  $62\ 854 \div 44 = 1\ 428$  baki 22
- C
- 1 64
  - 2 573 baki 40
  - 3 55
  - 4 86 baki 410

5.2

- A
- 1  $70\ 200 \div 9 = 7\ 800$
  - 2  $52\ 100 \div 100 = 521$
  - 3  $21\ 000 \div 50 = 420$
  - 4  $54\ 000 \div 45 = 1\ 200$
- B
- 1 Bilangan pekot donat  
 $= 72\ 500 \div 10$   
 $= 7\ 250$   
 Bilangan pekot donat di dalam setiap kotak  
 $= 7\ 250 \div 25$   
 $= 290$
  - 2 Bilangan majalah  
 $= 420 \div 2$   
 $= 210$   
 Bilangan komik  
 $= 210 \div 2$   
 $= 105$

$$\begin{array}{r}
 3 \\
 350 \div 7 = 50 \\
 \underline{210} \\
 140 \\
 \underline{140} \\
 0
 \end{array}$$

PRAKTIS SUMATIF

Soalan Objektif

- 1 B      2 C      3 A      4 A      5 D  
 6 B

Soalan Subjektif

- 1  $41\ 233 \div 5 = 8\ 246$  baki 3
- 2  $56\ 120 \div 23 = 2\ 440$
- 3 10
- 4  $11\ 200 \div 20 = 560$  minit

PRAKTIS KENDIRI

6.1

A 1 28 449

$$\begin{array}{r} 1\ 5\ 6\ 7\ 7 \\ -\ 2\ 6\ 5\ 4 \\ \hline 1\ 3\ 0\ 2\ 3 \end{array} \quad \begin{array}{r} 1\ 3\ 0\ 2\ 3 \\ +\ 5\ 4\ 2\ 6 \\ \hline 2\ 8\ 4\ 4\ 9 \end{array}$$

2 28 946

$$\begin{array}{r} 1\ 2\ 7\ 1\ 6 \\ +\ 2\ 5\ 6\ 4\ 2 \\ \hline 3\ 8\ 3\ 5\ 8 \end{array} \quad \begin{array}{r} \overset{2}{3}\ \overset{17}{8}\ \overset{13}{3}\ 1\ 7 \\ -\ 9\ 4\ 1\ 2 \\ \hline 2\ 8\ 9\ 4\ 6 \end{array}$$

3 59 852

$$\begin{array}{r} \overset{3}{4}\ \overset{10}{0}\ \overset{14}{4}\ \overset{4}{8}\ \overset{12}{2} \\ -\ 8\ 5\ 4\ 6 \\ \hline 3\ 1\ 9\ 0\ 6 \end{array} \quad \begin{array}{r} 3\ 1\ 9\ 0\ 6 \\ +\ 2\ 7\ 9\ 4\ 6 \\ \hline 5\ 9\ 8\ 5\ 2 \end{array}$$

4 4 805

$$\begin{array}{r} 6\ 7\ 5\ 4 \\ +\ 2\ 4\ 0 \\ \hline 6\ 9\ 9\ 4 \end{array} \quad \begin{array}{r} 6\ 9\ \overset{8}{9}\ \overset{14}{4} \\ -\ 2\ 1\ 8\ 9 \\ \hline 4\ 8\ 0\ 5 \end{array}$$

5 8 179

$$\begin{array}{r} 9\ \overset{5}{6}\ \overset{14}{8}\ \overset{12}{2} \\ -\ 1\ 5\ 7\ 8 \\ \hline 8\ 0\ 7\ 4 \end{array} \quad \begin{array}{r} 8\ 0\ 7\ 4 \\ +\ 1\ 0\ 5 \\ \hline 8\ 1\ 7\ 9 \end{array}$$

6.2

A 1 1 896

$$\begin{array}{r} 6\ 3\ 2 \\ 8\ \overline{)5\ 0\ 5\ 6} \\ -\ 4\ 8\ \phantom{0} \\ \hline 2\ 5\ \phantom{0} \\ -\ 2\ 4\ \phantom{0} \\ \hline 1\ 6\ \phantom{0} \\ -\ 1\ 6\ \phantom{0} \\ \hline 0 \end{array} \quad \begin{array}{r} 6\ 3\ 2 \\ \times\ 3 \\ \hline 1\ 8\ 9\ 6 \end{array}$$

2 5 358 baki 2

$$\begin{array}{r} 3\ 2\ 1\ 5 \\ \times\ 1\ 0 \\ \hline 0\ 0\ 0\ 0 \\ +\ 3\ 2\ 1\ 5 \\ \hline 3\ 2\ 1\ 5\ 0 \end{array} \quad \begin{array}{r} 5\ 3\ 5\ 8 \\ 6\ \overline{)3\ 2\ 1\ 5\ 0} \\ -\ 3\ 0\ \phantom{0} \\ \hline 2\ 1\ \phantom{0} \\ -\ 1\ 8\ \phantom{0} \\ \hline 3\ 5\ \phantom{0} \\ -\ 3\ 0\ \phantom{0} \\ \hline 5\ 0\ \phantom{0} \\ -\ 4\ 8\ \phantom{0} \\ \hline 2 \end{array}$$

3 16 432

$$\begin{array}{r} 4\ 1\ 0\ 8 \\ 7\ \overline{)2\ 8\ 7\ 5\ 6} \\ -\ 2\ 8\ \phantom{0} \\ \hline 0\ 7\ \phantom{0} \\ -\ 7\ \phantom{0} \\ \hline 0\ 5\ \phantom{0} \\ -\ 0\ \phantom{0} \\ \hline 5\ 6\ \phantom{0} \\ -\ 5\ 6\ \phantom{0} \\ \hline 0 \end{array} \quad \begin{array}{r} 4\ 1\ 0\ 8 \\ \times\ 4 \\ \hline 1\ 6\ 4\ 3\ 2 \end{array}$$

4 1 306 baki 6

$$\begin{array}{r} 8\ 4\ 0 \\ \times\ 1\ 4 \\ \hline 3\ 3\ 6\ 0 \\ 8\ 4\ 0\ \phantom{0} \\ \hline 1\ 1\ 7\ 6\ 0 \end{array} \quad \begin{array}{r} 1\ 3\ 0\ 6 \\ 9\ \overline{)1\ 1\ 7\ 6\ 0} \\ -\ 9\ \phantom{0} \\ \hline 2\ 7\ \phantom{0} \\ -\ 2\ 7\ \phantom{0} \\ \hline 0\ 6\ \phantom{0} \\ -\ 0\ \phantom{0} \\ \hline 6\ 0\ \phantom{0} \\ -\ 5\ 4\ \phantom{0} \\ \hline 6 \end{array}$$

5 35 190

$$\begin{array}{r} 5\ 8\ 6\ 5 \\ 1\ 1\ \overline{)6\ 4\ 5\ 1\ 5} \\ -\ 5\ 5\ \phantom{0} \\ \hline 9\ 5\ \phantom{0} \\ -\ 8\ 8\ \phantom{0} \\ \hline 7\ 1\ \phantom{0} \\ -\ 6\ 6\ \phantom{0} \\ \hline 5\ 5\ \phantom{0} \\ -\ 5\ 5\ \phantom{0} \\ \hline 0 \end{array} \quad \begin{array}{r} 5\ 8\ 6\ 5 \\ \times\ 6 \\ \hline 3\ 5\ 1\ 9\ 0 \end{array}$$

6.3

- A 1 12 920 - 10 512 + 480 = 2 888  
 2 250 × 24 ÷ 60 = 100  
 3 10 420 - 2 132 + 940 = 9 228

- B**
- 1 Bilangan set kertas peperiksaan  
 $= 15 \times 500 \div 12$   
 $= 7\,500 \div 12$   
 $= 625$
  - 2  $27\,412 - (683 + 5\,462 + 2\,382)$   
 $= 27\,412 - 8\,527$   
 $= 18\,885$   
 Jumlah kertas sekarang  
 $= 18\,885 + 2\,000$   
 $= 20\,885$
  - 3 Bilangan botol manik  
 $= (50\,000 \div 100)$   
 $= 500$   
 Bilangan manik yang dijual  
 $= (500 - 3) \times 100$   
 $= 49\,700$
  - 4 Bilangan buku yang telah diedar  
 $= (30\,000 + 60\,000) - 1\,346$   
 $= 88\,654$

**PRAKTIS SUMATIF**

**Soalan Objektif**

1 D      2 B      3 C      4 B      5 D

**Soalan Subjektif**

- 1  $19\,720 - 1\,325 + 20\,196 = 18\,395 + 20\,196$   
 $= 38\,591$
- 2  $44\,768 + 12\,053 - 9\,687 = 56\,821 - 9\,687$   
 $= 47\,134$
- 3  $614 \times 56 \div 16 = 34\,384 \div 16$   
 $= 2\,149$
- 4  $90\,195 \div 15 \times 7 = 6\,013 \times 7$   
 $= 42\,091$
- 5  $25\,643 - 10\,520 + 798 = 15\,123 + 798$   
 $= 15\,921$

**Unit 7 Pecahan**

**PRAKTIS KENDIRI**

**7.1**

- A**
- 1  $\frac{14}{3}$                       2  $\frac{9}{4}$                       3  $\frac{7}{2}$
  - 1  $3\frac{5}{6}$                       2  $2\frac{3}{4}$                       3  $4\frac{2}{5}$
- C**
- 1  $1\frac{3}{4} = \frac{1 \times 4 + 3}{4} = \frac{7}{4}$
  - 2  $2\frac{2}{5} = \frac{2 \times 5 + 2}{5} = \frac{12}{5}$
  - 3  $3\frac{2}{7} = \frac{3 \times 7 + 2}{7} = \frac{23}{7}$
  - 4  $4\frac{1}{6} = \frac{4 \times 6 + 1}{6} = \frac{25}{6}$
  - 5  $3\frac{5}{9} = \frac{3 \times 9 + 5}{9} = \frac{32}{9}$
  - 6  $4\frac{4}{5} = \frac{4 \times 5 + 4}{5} = \frac{24}{5}$
- D**
- 1  $\frac{11}{4} = 2\frac{3}{4}$                       4  $\frac{36}{7} = 5\frac{1}{7}$
  - 2  $\frac{9}{2} = 4\frac{1}{2}$                       5  $\frac{28}{3} = 9\frac{1}{3}$
  - 3  $\frac{23}{5} = 4\frac{3}{5}$                       6  $\frac{40}{9} = 4\frac{4}{9}$

**E**

sama dengan

$$\frac{3\frac{6}{7}}{\text{Faktor penghubung}} = \frac{31\frac{3}{4}}{\text{as}}$$

$$\frac{4\frac{2}{9}}{\text{as}} = \frac{5\frac{7}{8}}{\text{as}} = \frac{47\frac{7}{7}}{\text{as}} = \frac{22\frac{2}{3}}{\text{as}}$$

$$\frac{38}{9} = \frac{47}{8} = \frac{6\frac{5}{7}}{7\frac{1}{3}}$$

**7.2**

- A**
- 1  $\frac{3}{9} + \frac{2}{9} = \frac{5}{9}$
  - 2  $\frac{1}{5} + \frac{2}{5} + \frac{1}{5} = \frac{4}{5}$
  - 3  $\frac{3}{7} + \frac{2}{7} + \frac{4}{7} = \frac{9}{7} = 1\frac{2}{7}$
- B**
- 1  $\frac{7}{8} + \frac{1}{4} = \frac{7}{8} + \frac{2}{8} = \frac{9}{8} = 1\frac{1}{8}$
  - 2  $\frac{5}{6} + \frac{2}{3} + \frac{1}{3} = \frac{5}{6} + \frac{4}{6} + \frac{2}{6}$   
 $= \frac{11}{6} = 1\frac{5}{6}$
  - 3  $\frac{5}{8} + \frac{1}{2} + \frac{3}{4} = \frac{5}{8} + \frac{4}{8} + \frac{6}{8}$   
 $= \frac{15}{8} = 1\frac{7}{8}$
  - 4  $\frac{2}{3} + \frac{1}{6} + \frac{4}{9} = \frac{12}{18} + \frac{3}{18} + \frac{8}{18}$   
 $= \frac{23}{18} = 1\frac{5}{18}$
  - 5  $\frac{4}{5} + \frac{1}{2} + \frac{1}{10} = \frac{8}{10} + \frac{5}{10} + \frac{1}{10}$   
 $= \frac{14}{10} = 1\frac{2}{5}$

**7.3**

- A**
- 1  $\frac{7}{9} - \frac{4}{9} = \frac{3}{9}$   
 $= \frac{1}{3}$
  - 2  $\frac{7}{8} - \frac{3}{8} - \frac{1}{8} = \frac{3}{8}$
  - 3  $\frac{6}{7} - \frac{4}{7} - \frac{1}{7} = \frac{1}{7}$
- B**
- 1  $\frac{9}{10} - \frac{2}{5} = \frac{9}{10} - \frac{4}{10}$   
 $= \frac{5}{10} = \frac{1}{2}$

$$2 \quad \frac{7}{8} - \frac{3}{8} - \frac{1}{4} = \frac{7}{8} - \frac{3}{8} - \frac{2}{8}$$

$$= \frac{2}{8} = \frac{1}{4}$$

$$3 \quad \frac{7}{8} - \frac{1}{4} - \frac{1}{2} = \frac{7}{8} - \frac{2}{8} - \frac{4}{8}$$

$$= \frac{1}{8}$$

$$4 \quad \frac{7}{9} - \frac{1}{2} - \frac{1}{6} = \frac{14}{18} - \frac{9}{18} - \frac{3}{18}$$

$$= \frac{2}{18} = \frac{1}{9}$$

$$5 \quad \frac{4}{5} - \frac{1}{2} - \frac{1}{10} = \frac{8}{10} - \frac{5}{10} - \frac{1}{10}$$

$$= \frac{2}{10} = \frac{1}{5}$$

#### 7.4

A 1  $\frac{9}{10} - \frac{3}{10} + \frac{1}{10} = \frac{7}{10}$

2  $\frac{5}{9} + \frac{2}{9} - \frac{4}{9} = \frac{3}{9} = \frac{1}{3}$

3  $\frac{7}{8} - \frac{3}{8} + \frac{1}{8} = \frac{5}{8}$

B 1  $\frac{1}{5} + \frac{2}{5} - \frac{1}{10} = \frac{2}{10} + \frac{4}{10} - \frac{1}{10}$

$$= \frac{5}{10} = \frac{1}{2}$$

2  $\frac{5}{9} - \frac{1}{3} + \frac{1}{2} = \frac{10}{18} - \frac{6}{18} + \frac{9}{18}$

$$= \frac{13}{18}$$

3  $\frac{5}{6} - \frac{2}{3} + \frac{1}{4} = \frac{10}{12} - \frac{8}{12} + \frac{3}{12}$

$$= \frac{5}{12}$$

4  $\frac{3}{5} + \frac{1}{3} - \frac{5}{6} = \frac{18}{30} + \frac{10}{30} - \frac{25}{30}$

$$= \frac{3}{30} = \frac{1}{10}$$

5  $\frac{9}{10} - \frac{3}{5} + \frac{1}{2} = \frac{9}{10} - \frac{6}{10} + \frac{5}{10}$

$$= \frac{8}{10} = \frac{4}{5}$$

#### 7.5

A 1 Jumlah panjang reben =  $\frac{4}{5} + \frac{1}{2}$

$$= \frac{8}{10} + \frac{5}{10}$$

$$= \frac{13}{10} \text{ m} = 1\frac{3}{10} \text{ m}$$

2 Jumlah isi padu susu dan air =  $\frac{1}{4} + \frac{4}{5}$

$$= \frac{5}{20} + \frac{16}{20}$$

$$= \frac{21}{20} \ell = 1\frac{1}{20} \ell$$

3 Jumlah jisim gula =  $\frac{3}{4} + \frac{3}{8}$

$$= \frac{6}{8} + \frac{3}{8}$$

$$= \frac{9}{8} \text{ kg} = 1\frac{1}{8} \text{ kg}$$

4 Isi padu air di dalam bekas =  $\frac{4}{5} - \frac{1}{2} + \frac{3}{10}$

$$= \frac{8}{10} - \frac{5}{10} + \frac{3}{10}$$

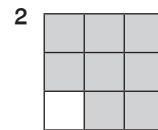
$$= \frac{3}{10} + \frac{3}{10}$$

$$= \frac{6}{10} \ell = \frac{3}{5} \ell$$

#### B 1 Jumlah isi padu jus oren

$$= \frac{9}{10} \ell - \frac{1}{5} \ell + \frac{2}{5} \ell$$

$$= 1\frac{1}{10} \ell$$



#### 3 Isi padu air yang dikeluarkan

$$= \frac{9}{10} \ell - \frac{3}{5} \ell = \frac{3}{10} \ell$$

Jumlah air di dalam baldi

$$= \frac{3}{10} \ell + \frac{1}{2} \ell$$

$$= \frac{4}{5} \ell$$

#### PRAKTIS SUMATIF

##### Soalan Objektif

1 B      2 C      3 D      4 A      5 B

##### Soalan Subjektif

1  $2\frac{3}{6} = 2\frac{1}{2}$

2  $\frac{19}{4} = 4\frac{3}{4}$

3  $\frac{7}{9} - \frac{1}{3} - \frac{1}{6} = \frac{14}{18} - \frac{6}{18} - \frac{3}{18}$

$$= \frac{5}{18}$$

4 Isi padu susu yang tinggal =  $\frac{4}{5} + \frac{1}{5} - \frac{1}{2}$

$$= \frac{8}{10} + \frac{2}{10} - \frac{5}{10}$$

$$= \frac{5}{10} \ell = \frac{1}{2} \ell$$



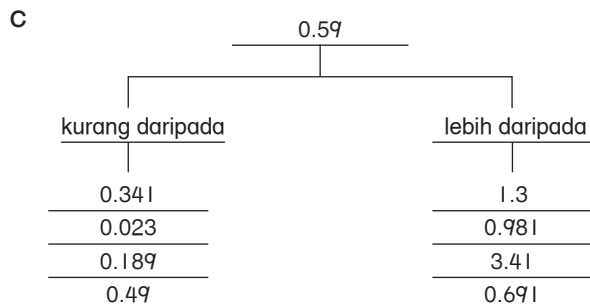
**PRAKTIS KENDIRI**

**8.1**

- A**
- |   |       |   |      |
|---|-------|---|------|
| 1 | 0.133 | 3 | 0.09 |
| 2 | 0.3   | 4 | 0.1  |
- B**
- 0.07
  - satu perpuluhan dua sifar tiga
  - 17.237
  - lima puluh perpuluhan empat sifar enam

**8.2**

- A**
- |   |       |   |       |   |       |
|---|-------|---|-------|---|-------|
| 1 | 0.027 | 3 | 0.572 | 5 | 3.141 |
| 2 | 0.201 | 4 | 2.003 | 6 | 8.7   |
- B**
- |   |                       |   |                       |   |                       |
|---|-----------------------|---|-----------------------|---|-----------------------|
| 1 | $\frac{19}{1\,000}$   | 3 | $1\frac{800}{1\,000}$ | 5 | $5\frac{58}{1\,000}$  |
| 2 | $2\frac{235}{1\,000}$ | 4 | $4\frac{3}{1\,000}$   | 6 | $3\frac{409}{1\,000}$ |



**8.3**

- A**
- $8.27 + 3.122 = 11.392$
  - $5.309 + 6.637 = 11.946$
  - $8.17 + 6.213 = 14.383$
  - $11.124 + 0.415 = 11.539$
  - $0.39 + 2.45 = 2.84$
  - $20.456 + 9.56 = 30.016$
  - $34.047 + 2.18 = 36.227$
  - $3.8 + 10.542 = 14.342$
  - $32.41 + 6.523 = 38.933$
  - $11.563 + 15.407 = 26.97$
  - $1.49 + 40.648 = 42.138$

**8.4**

- A**
- $6.232 - 2.17 = 4.062$
  - $18.59 - 4.562 = 14.028$
  - $8.256 - 2.341 = 5.915$
  - $15.52 - 3.186 = 12.334$
  - $10.23 - 3.547 = 6.683$
  - $23.427 - 9.05 = 14.377$
  - $18.99 - 3.698 = 15.292$
  - $21.564 - 2.017 = 19.547$
  - $38.79 - 24.118 = 14.672$
  - $94.12 - 36.526 = 57.594$
  - $52.196 - 7.6 = 44.596$

**8.5**

- A**
- $0.584 \times 9 = 5.256$
  - $2.79 \times 6 = 16.74$
  - $5.418 \times 4 = 21.672$
  - $5 \times 22.614 = 113.07$
  - $12.105 \times 7 = 84.735$
- B**
- $2.113 \times 10 = 21.13$
  - $10 \times 3.74 = 37.4$
  - $100 \times 5.628 = 562.8$
  - $1.407 \times 100 = 140.7$
  - $4.54 \times 1\,000 = 4\,540$
  - $7.495 \times 1\,000 = 7\,495$

**8.6**

- A**
- $5.32 \div 5 = 1.064$
  - $23.03 \div 7 = 3.29$
  - $17.072 \div 8 = 2.134$
  - $12.6 \div 4 = 3.15$
  - $15.306 \div 3 = 5.102$
- B**
- $3.45 \div 10 = 0.345$
  - $6.8 \div 10 = 0.68$
  - $17.1 \div 100 = 0.171$
  - $720 \div 1\,000 = 0.72$

**8.7**

- A**
- $3 \times 2.35 \text{ m} = 7.05 \text{ m}$
  - $4.16 \text{ kg} \div 8 = 0.52 \text{ kg}$
  - $10.254 \text{ l} - 3.56 \text{ l} = 6.694 \text{ l}$
- B**
- Panjang kain untuk sehelai blaus  
 $= 7.65 \div 3$   
 $= 2.55 \text{ m}$   
 Panjang kain yang diperlukan  
 $= 8 \times 2.55 \text{ m}$   
 $= 20.4 \text{ m}$
  - Jisim beras yang tinggal  
 $= 7.25 \text{ kg} - 0.175 \text{ kg}$   
 $= 7.075 \text{ kg}$   
 Jisim beras di dalam tong  
 $= 7.075 \text{ kg} + 3.8 \text{ kg}$   
 $= 10.875 \text{ kg}$
  - $11\,230.4 \div 100 = 11\,230.4 = 112.304$
  - Baki isi padu air yang tinggal  
 $= 2.72 \text{ l} \times 2$   
 $= 5.44 \text{ l}$   
 Isi padu air untuk memasak  
 $= 23.468 \text{ l} - 10.253 \text{ l} - 5.44 \text{ l}$   
 $= 7.775 \text{ l}$

**PRAKTIS SUMATIF**

**Soalan Objektif**

- 1 B      2 A      3 D      4 B      5 D  
6 A      7 C

**Soalan Subjektif**

- $37.116 + 8.73 = 45.846$
- $11.203 \times 6 = 67.218$
- $58 \div 100 = 0.58$
- $60.173 \div 19 = 3.167$
- $35.484 \text{ kg} \div 12 = 2.957 \text{ kg}$

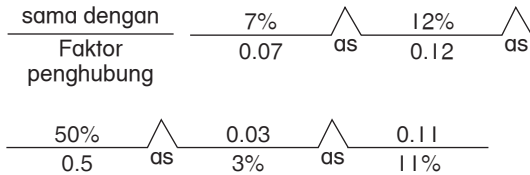
Unit 9 Peratus

PRAKTIS KENDIRI

9.1

A 1 0.3; 30%      2 0.77; 77%      3 0.19; 19%

B



C 1 Bahagian yang perlu dilorek lagi

$$= 76 - 11$$

$$= 65$$

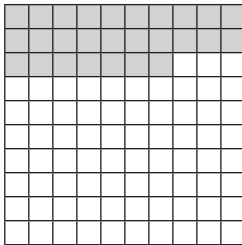
2  $0.03 = 3\%$

$$= \frac{3}{100}$$

Bilangan guli hijau

$$= 3 \text{ biji}$$

3 Lorek mana-mana 27 bahagian



PRAKTIS SUMATIF

Soalan Objektif

1 B      2 D      3 A      4 B      5 A

6 C

Soalan Subjektif

1 9%      2 0.8      3 0.05      4 10%

5 47%

Unit 10 Wang

PRAKTIS KENDIRI

10.1

- A 1  $20 \times \text{RM}100 + 50 \times \text{RM}50 + 50 \times \text{RM}20 + 100 \times \text{RM}10$   
 $= \text{RM}2\,000 + \text{RM}2\,500 + \text{RM}1\,000 + \text{RM}1\,000$   
 $= \text{RM}6\,500$
- 2  $50 \times \text{RM}100 + 100 \times \text{RM}50 + 100 \times \text{RM}20 + 50 \times \text{RM}5$   
 $= \text{RM}5\,000 + \text{RM}5\,000 + \text{RM}2\,000 + \text{RM}250$   
 $= \text{RM}12\,250$
- 3  $100 \times \text{RM}50 + 200 \times \text{RM}20 + 100 \times \text{RM}10 + 200 \times \text{RM}1$   
 $= \text{RM}5\,000 + \text{RM}4\,000 + \text{RM}1\,000 + \text{RM}200$   
 $= \text{RM}10\,200$

B 1 RM30      3 RM736  
 2 RM374      4 RM6315

10.2

- A 1 RM29 302.60  
 2 RM57 692.90  
 3 RM80 098.50  
 4 RM79 857.30  
 5 RM84 260  
 6 RM96 366.30  
 7 RM70 055.80  
 8 RM55 004.80  
 9 RM44 727.80  
 10 RM61 074.80  
 11 RM70 665.20

10.3

- A 1 RM34 395.60  
 2 RM33 287.20  
 3 RM26 432.40  
 4 RM43 623.80  
 5 RM65 576.30

B 1 RM34 223

$$\begin{array}{r} \phantom{RM} \overset{11}{\cancel{5}} \overset{10}{\cancel{2}} \overset{10}{\cancel{0}} \overset{10}{\cancel{3}} \\ - \phantom{RM} \overset{11}{2} \overset{10}{7} \overset{10}{8} \overset{10}{8} \overset{10}{0} \\ \hline \phantom{RM} \overset{11}{3} \overset{10}{4} \overset{10}{2} \overset{10}{2} \overset{10}{3} \end{array}$$

2 RM44 702.40

$$\begin{array}{r} \phantom{RM} \overset{7}{\cancel{8}} \overset{10}{\cancel{4}} \overset{12}{\cancel{2}} \overset{2}{\cancel{0}} \overset{11}{\cancel{3}} \overset{11}{\cancel{0}} \\ - \phantom{RM} \overset{10}{3} \overset{10}{6} \overset{10}{5} \overset{10}{0} \overset{10}{0} \overset{10}{.} \overset{10}{7} \overset{10}{0} \\ \hline \phantom{RM} \overset{10}{4} \overset{10}{4} \overset{10}{7} \overset{10}{0} \overset{10}{2} \overset{10}{.} \overset{10}{4} \overset{10}{0} \end{array}$$

3 RM46 323.30

$$\begin{array}{r} \phantom{RM} \overset{6}{\cancel{7}} \overset{13}{\cancel{4}} \overset{11}{\cancel{2}} \overset{11}{\cancel{4}} \overset{11}{\cancel{4}} \overset{11}{\cancel{.}} \overset{11}{\cancel{5}} \overset{11}{\cancel{0}} \\ - \phantom{RM} \overset{11}{2} \overset{11}{7} \overset{11}{8} \overset{11}{9} \overset{11}{1} \overset{11}{.} \overset{11}{2} \overset{11}{0} \\ \hline \phantom{RM} \overset{11}{4} \overset{11}{6} \overset{11}{3} \overset{11}{2} \overset{11}{3} \overset{11}{.} \overset{11}{3} \overset{11}{0} \end{array}$$

4 RM32 665.50

$$\begin{array}{r} \phantom{RM} \overset{4}{\cancel{8}} \overset{11}{\cancel{2}} \overset{12}{\cancel{3}} \overset{10}{\cancel{0}} \overset{5}{\cancel{6}} \overset{10}{\cancel{.}} \overset{10}{\cancel{0}} \overset{10}{\cancel{0}} \\ - \phantom{RM} \overset{11}{1} \overset{11}{9} \overset{11}{6} \overset{11}{4} \overset{11}{0} \overset{11}{.} \overset{11}{5} \overset{11}{0} \\ \hline \phantom{RM} \overset{11}{3} \overset{11}{2} \overset{11}{6} \overset{11}{6} \overset{11}{5} \overset{11}{.} \overset{11}{5} \overset{11}{0} \end{array}$$

10.4

A 1 RM23 800

$$\begin{array}{r} \phantom{RM} \overset{1}{3} \overset{1}{1} \overset{1}{2} \overset{1}{6} \overset{1}{3} \\ + \phantom{RM} \overset{1}{3} \overset{1}{9} \overset{1}{8} \overset{1}{7} \\ \hline \phantom{RM} \overset{1}{3} \overset{1}{5} \overset{1}{2} \overset{1}{5} \overset{1}{0} \end{array}$$

$$\begin{array}{r} \phantom{RM} \overset{4}{3} \overset{12}{\cancel{8}} \overset{12}{\cancel{2}} \overset{12}{\cancel{5}} \overset{12}{\cancel{0}} \\ - \phantom{RM} \overset{12}{1} \overset{12}{1} \overset{12}{4} \overset{12}{5} \overset{12}{0} \\ \hline \phantom{RM} \overset{12}{2} \overset{12}{3} \overset{12}{8} \overset{12}{0} \overset{12}{0} \end{array}$$

2 RM40 397

$$\begin{array}{r} \text{RM } \overset{4}{8} \overset{12}{2} \overset{8}{9} \overset{10}{0} 8 \\ - \text{RM } 34017 \\ \hline \text{RM } 18891 \end{array}$$

$$\begin{array}{r} \text{RM } \overset{1}{1} \overset{1}{8} 891 \\ + \text{RM } 21506 \\ \hline \text{RM } 40397 \end{array}$$

3 RM36 955

$$\begin{array}{r} \text{RM } \overset{5}{8} \overset{9}{0} \overset{11}{1} \overset{4}{8} \overset{12}{2} \\ - \text{RM } 28706 \\ \hline \text{RM } 31446 \end{array}$$

$$\begin{array}{r} \text{RM } 31446 \\ + \text{RM } \overset{1}{5} 509 \\ \hline \text{RM } 36955 \end{array}$$

4 RM22 470

$$\begin{array}{r} \text{RM } \overset{1}{1} 5634 \\ + \text{RM } 10400 \\ \hline \text{RM } 26034 \end{array}$$

$$\begin{array}{r} \text{RM } 2 \overset{5}{8} \overset{9}{0} \overset{13}{3} 4 \\ - \text{RM } 3564 \\ \hline \text{RM } 22470 \end{array}$$

5 RM45 754

$$\begin{array}{r} \text{RM } 79856 \\ - \text{RM } 40125 \\ \hline \text{RM } 39731 \end{array}$$

$$\begin{array}{r} \text{RM } \overset{1}{3} 9731 \\ + \text{RM } 6023 \\ \hline \text{RM } 45754 \end{array}$$

**10.5**

A 1 RM65 224

$$\begin{array}{r} \text{RM } 8153 \\ \times \quad \quad \quad 8 \\ \hline \text{RM } 65224 \end{array}$$

2 RM44 039.70

$$\begin{array}{r} \text{RM } 4893.30 \\ \times \quad \quad \quad 9 \\ \hline \text{RM } 44039.70 \end{array}$$

3 RM35 888

$$\begin{array}{r} \text{RM } 2243 \\ \times \quad \quad \quad 16 \\ \hline 13458 \\ + 2243 \\ \hline \text{RM } 35888 \end{array}$$

4 RM57 794.40

$$\begin{array}{r} \text{RM } 4816.20 \\ \times \quad \quad \quad 12 \\ \hline 963240 \\ + 481620 \\ \hline \text{RM } 57794.40 \end{array}$$

5 RM76 710

$$\begin{array}{r} \text{RM } 3068.40 \\ \times \quad \quad \quad 25 \\ \hline 1534200 \\ + 613680 \\ \hline \text{RM } 76710.00 \end{array}$$

6 RM46 306.10

$$\begin{array}{r} \text{RM } 873.70 \\ \times \quad \quad \quad 53 \\ \hline 262110 \\ + 436850 \\ \hline \text{RM } 46306.10 \end{array}$$

7 RM45 692.50

$$\begin{array}{r} \text{RM } 932.50 \\ \times \quad \quad \quad 49 \\ \hline 839250 \\ + 373000 \\ \hline \text{RM } 45692.50 \end{array}$$

8 RM90 675.90

$$\begin{array}{r} \text{RM } 1439.30 \\ \times \quad \quad \quad 63 \\ \hline 431790 \\ + 863580 \\ \hline \text{RM } 90675.90 \end{array}$$

- B 1 RM52 710                      3 RM91 300  
2 RM38 000                      4 RM30 000

**10.6**

- A 1 RM22 575 ÷ 5 = RM4 515  
2 RM50 240.70 ÷ 9 = RM5 582.30  
3 RM26 196 ÷ 74 = RM354  
4 RM23 535 ÷ 45 = RM523  
5 RM43 150 ÷ 50 = RM863  
6 RM54 768 ÷ 56 = RM978

- B 1 RM956.40  
2 RM84  
3 RM398.75  
4 RM86.95  
5 RM157.20  
6 RM79

**10.7**

- A**
- $RM78\ 450 - RM43\ 250 = RM35\ 200$
  - $96 \times RM45 = RM4\ 320$
  - $RM90\ 000 \div 45 = RM2\ 000$
  - $RM98\ 562 - RM63\ 108 = RM35\ 454$
- B**
- Jumlah duit raya Nisha

$$= 50 \times RM1 + 100 \times RM5 + 75 \times RM10 + 5 \times RM20 + 5 \times RM50$$

$$= RM50 + RM500 + RM750 + RM100 + RM250$$

$$= RM1\ 650$$

Jumlah duit Nisha sekarang

$$= RM1\ 650 - RM135 + RM170$$

$$= RM1\ 685$$
  - Harga jual

$$= RM3\ 550 + RM1\ 500 + RM850$$

$$= RM5\ 900$$
  - Jumlah yang perlu dibayar

$$= 15 \times RM35.90 + 30 \times RM39.90 + 15 \times RM15$$

$$= RM538.50 + RM1\ 197 + RM225$$

$$= RM1\ 960.50$$

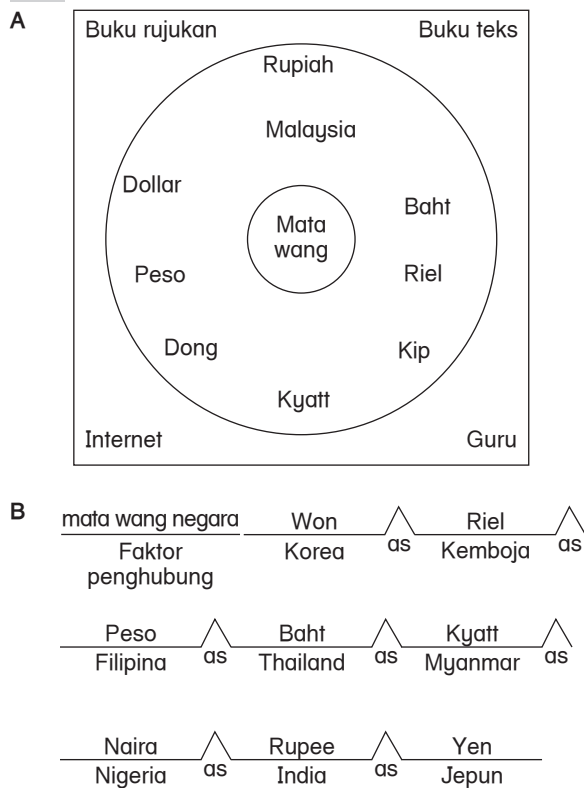
$$20 \times RM100 - RM1\ 960.50$$

$$= RM2\ 000 - RM1\ 960.50$$

$$= RM39.50$$

Encik Kay mendapat baki RM39.50. Kenyataan Encik Kay benar.

**10.8**



**10.9**

- A**
- 1 kad prabayar                      3 kad debit @ kad kredit
  - 2 wang tunai                        4 cek

**PRAKTIS SUMATIF**

**Soalan Objektif**

- 1 A            2 D            3 B            4 C            5 B  
6 D

**Soalan Subjektif**

- RM52 631
- $RM3\ 642 \times 15 = RM54\ 630$
- $RM81\ 960 \div 8 = RM10\ 245$
- $RM42\ 178 - RM10\ 601 + RM500$   
 $= RM31\ 577 + RM500$   
 $= RM32\ 077$
- $RM72\ 000 \div 36 = RM2\ 000$

Unit 11 Masa dan Waktu

**PRAKTIS KENDIRI**

**11.1**

- A**
- 3 hari =  $(3 \times 24) = 72$  jam
  - 240 jam =  $(240 \div 24) = 10$  hari
  - 7 minggu =  $(7 \times 7) = 49$  hari
  - 56 hari =  $(56 \div 7) = 8$  minggu

$$5 \quad \begin{array}{r} 5 \\ 7 \overline{) 36} \\ \underline{- 35} \\ 1 \end{array}$$

$\therefore$  5 minggu 1 hari

$$6 \quad \begin{array}{r} 12 \\ \times 6 \\ \hline 72 \end{array}$$

$\therefore$  72 bulan

$$7 \quad \begin{array}{r} 7 \\ 12 \overline{) 88} \\ \underline{- 84} \\ 4 \end{array}$$

$\therefore$  7 tahun 4 bulan

$$8 \quad \begin{array}{r} 10 \\ 12 \overline{) 127} \\ \underline{- 12} \\ 17 \\ \underline{- 17} \\ 0 \end{array}$$

$\therefore$  10 tahun 7 bulan

**11.2**

- A**
- |          |        |
|----------|--------|
| 4 hari   | 7 jam  |
| + 5 hari | 6 jam  |
| <hr/>    |        |
| 9 hari   | 13 jam |
  - |            |         |
|------------|---------|
| 5 minggu   | 11 hari |
| + 6 minggu | 6 hari  |
| <hr/>      |         |
| 11 minggu  | 17 hari |
| + 2        | - 14    |
| <hr/>      |         |
| 13 minggu  | 3 hari  |

$$\begin{array}{r}
 3 \quad 7 \text{ minggu} \quad 4 \text{ hari} \\
 + \quad 2 \text{ minggu} \quad 3 \text{ hari} \\
 \hline
 9 \text{ minggu} \quad 7 \text{ hari} \\
 + \quad 1 \quad \quad - 7 \\
 \hline
 10 \text{ minggu}
 \end{array}$$

$$\begin{array}{r}
 4 \quad 6 \text{ tahun} \quad 2 \text{ bulan} \\
 + \quad 3 \text{ tahun} \quad 5 \text{ bulan} \\
 \hline
 9 \text{ tahun} \quad 7 \text{ bulan}
 \end{array}$$

$$\begin{array}{r}
 5 \quad 3 \text{ hari} \quad 17 \text{ jam} \\
 + \quad 4 \text{ hari} \quad 8 \text{ jam} \\
 \hline
 7 \text{ hari} \quad 25 \text{ jam} \\
 + \quad 1 \quad \quad - 24 \\
 \hline
 8 \text{ hari} \quad 1 \text{ jam}
 \end{array}$$

$$\begin{array}{r}
 6 \quad 7 \text{ minggu} \quad 10 \text{ hari} \\
 + \quad \quad \quad 9 \text{ hari} \\
 \hline
 7 \text{ minggu} \quad 19 \text{ hari} \\
 + \quad 2 \quad \quad - 14 \\
 \hline
 9 \text{ minggu} \quad 5 \text{ hari}
 \end{array}$$

$$\begin{array}{r}
 7 \quad 9 \text{ tahun} \quad 9 \text{ bulan} \\
 + \quad 2 \text{ tahun} \quad 11 \text{ bulan} \\
 \hline
 11 \text{ tahun} \quad 20 \text{ bulan} \\
 + \quad 1 \quad \quad - 12 \\
 \hline
 12 \text{ tahun} \quad 8 \text{ bulan}
 \end{array}$$

### 11.3

$$\begin{array}{r}
 \text{A } 1 \quad 6 \text{ hari} \quad 6 \text{ jam} \\
 - \quad \quad \quad 4 \text{ jam} \\
 \hline
 6 \text{ hari} \quad 2 \text{ jam}
 \end{array}$$

$$\begin{array}{r}
 2 \quad 7 \text{ tahun} \quad 5 \text{ bulan} \\
 - \quad 3 \text{ tahun} \quad 2 \text{ bulan} \\
 \hline
 4 \text{ tahun} \quad 3 \text{ bulan}
 \end{array}$$

$$\begin{array}{r}
 3 \quad 4 \text{ hari} \quad 9 \text{ jam} \\
 - \quad 2 \text{ hari} \quad 5 \text{ jam} \\
 \hline
 2 \text{ hari} \quad 4 \text{ jam}
 \end{array}$$

$$\begin{array}{r}
 4 \quad 11 \text{ tahun} \quad 11 \text{ bulan} \\
 - \quad 9 \text{ tahun} \\
 \hline
 2 \text{ tahun} \quad 11 \text{ bulan}
 \end{array}$$

$$\begin{array}{r}
 5 \quad \overset{4}{\cancel{5}} \text{ hari} \quad \overset{26}{\cancel{2}} \text{ jam} \\
 - \quad 2 \text{ hari} \quad 7 \text{ jam} \\
 \hline
 2 \text{ hari} \quad 19 \text{ jam}
 \end{array}$$

$$\begin{array}{r}
 6 \quad \overset{8}{\cancel{8}} \text{ minggu} \quad \overset{10}{\cancel{3}} \text{ hari} \\
 - \quad 6 \text{ minggu} \quad 5 \text{ hari} \\
 \hline
 2 \text{ minggu} \quad 5 \text{ hari}
 \end{array}$$

$$\begin{array}{r}
 7 \quad \overset{17}{\cancel{18}} \text{ tahun} \quad \overset{16}{\cancel{4}} \text{ bulan} \\
 - \quad 7 \text{ tahun} \quad 8 \text{ bulan} \\
 \hline
 10 \text{ tahun} \quad 8 \text{ bulan}
 \end{array}$$

### 11.4

$$\begin{array}{r}
 \text{A } 1 \quad 11 \text{ hari} \quad 2 \text{ jam} \\
 \times \quad \quad \quad 6 \\
 \hline
 66 \text{ hari} \quad 12 \text{ jam}
 \end{array}$$

$$\begin{array}{r}
 2 \quad 7 \text{ minggu} \quad 2 \text{ hari} \\
 \times \quad \quad \quad 3 \\
 \hline
 21 \text{ minggu} \quad 6 \text{ hari}
 \end{array}$$

$$\begin{array}{r}
 3 \quad 4 \text{ tahun} \quad 1 \text{ bulan} \\
 \times \quad \quad \quad 8 \\
 \hline
 32 \text{ tahun} \quad 8 \text{ bulan}
 \end{array}$$

$$\begin{array}{r}
 4 \quad 13 \text{ hari} \quad 10 \text{ jam} \\
 \times \quad \quad \quad 9 \\
 \hline
 117 \text{ hari} \quad 90 \text{ jam} \\
 + \quad 3 \quad \quad - 72 \\
 \hline
 120 \text{ hari} \quad 18 \text{ jam}
 \end{array}$$

$$\begin{array}{r}
 5 \quad 6 \text{ minggu} \quad 5 \text{ hari} \\
 \times \quad \quad \quad 5 \\
 \hline
 30 \text{ minggu} \quad 25 \text{ hari} \\
 + \quad 3 \quad \quad - 21 \\
 \hline
 33 \text{ minggu} \quad 4 \text{ hari}
 \end{array}$$

$$\begin{array}{r}
 6 \quad 11 \text{ tahun} \quad 9 \text{ bulan} \\
 \times \quad \quad \quad 2 \\
 \hline
 22 \text{ tahun} \quad 18 \text{ bulan} \\
 + \quad 1 \quad \quad - 12 \\
 \hline
 23 \text{ tahun} \quad 6 \text{ bulan}
 \end{array}$$

$$\begin{array}{r}
 7 \quad \quad \quad 9 \text{ bulan} \\
 \times \quad \quad \quad 7 \\
 \hline
 \quad \quad \quad 63 \text{ bulan} \\
 + \quad 5 \quad \quad - 60 \\
 \hline
 5 \text{ tahun} \quad 3 \text{ bulan}
 \end{array}$$

### 11.5

$$\begin{array}{r}
 \text{A } 1 \quad \quad \quad 9 \text{ hari} \quad 13 \text{ jam} \\
 5 \overline{) 45 \text{ hari} \quad 65 \text{ jam}} \\
 \underline{-45} \quad \quad \underline{-5} \\
 0 \quad \quad 15 \\
 \quad \quad \underline{-15} \\
 \quad \quad \quad 0
 \end{array}$$

$$\begin{array}{r}
 2 \quad \quad \quad 8 \text{ minggu} \quad 12 \text{ jam} \\
 4 \overline{) 32 \text{ minggu} \quad 16 \text{ hari}} \\
 \underline{-30} \quad \quad \underline{-16} \\
 0 \quad \quad 0
 \end{array}$$

$$\begin{array}{r}
 3 \quad \quad \quad 5 \text{ tahun} \quad 9 \text{ bulan} \\
 3 \overline{) 15 \text{ tahun} \quad 9 \text{ bulan}} \\
 \underline{-15} \quad \quad \underline{-9} \\
 0 \quad \quad 0
 \end{array}$$

$$\begin{array}{r}
 4 \quad \quad \quad 2 \text{ hari} \quad 5 \text{ jam} \\
 8 \overline{) 17 \text{ hari} \quad 16 \text{ jam}} \\
 \underline{-16} \quad \quad \underline{+24} \\
 1 \quad \quad 40 \\
 \quad \quad \underline{-40} \\
 \quad \quad \quad 0
 \end{array}$$

$$\begin{array}{r} 5 \quad \quad 3 \text{ minggu} \quad 3 \text{ hari} \\ 8 \overline{) 26 \text{ minggu} \quad 10 \text{ hari}} \\ \underline{-24} \quad \quad \quad \underline{+14} \\ 2 \quad \quad \quad \quad 24 \\ \underline{-24} \\ 0 \end{array}$$

$$\begin{array}{r} 6 \quad \quad 3 \text{ minggu} \quad 4 \text{ hari} \\ 7 \overline{) 25 \text{ minggu} \quad 0 \text{ hari}} \\ \underline{-21} \quad \quad \quad \underline{+28} \\ 4 \quad \quad \quad \quad 28 \\ \underline{-28} \\ 0 \end{array}$$

$$\begin{array}{r} 7 \quad \quad 5 \text{ tahun} \quad 9 \text{ bulan} \\ 2 \overline{) 11 \text{ tahun} \quad 6 \text{ bulan}} \\ \underline{-10} \quad \quad \quad \underline{+12} \\ 1 \quad \quad \quad \quad 18 \\ \underline{-18} \\ 0 \end{array}$$

## 11.6

- A
- 24 hari  
= 3 minggu 3 hari
  - $6 \times 2$  jam 15 minit  
= 13 jam 30 minit
  - 18 tahun + 5 tahun  
= 23 tahun
  - 7 jam 15 minit – 4 jam 25 minit  
= 2 jam 50 minit
- B
- 2 minggu 2 hari + 6 hari  
= 2 minggu 8 hari  
= 2 minggu + 1 minggu + 1 hari  
= 3 minggu 1 hari
  - 2 dekad 4 tahun  
= 24 tahun  
23 tahun + 24 tahun + 8 tahun  
= 55 tahun
  - Umur Jenny sekarang  
=  $(85 \text{ tahun} - 9 \text{ tahun}) \div 4$   
= 19 tahun  
Umur adik Jenny sekarang  
= 19 tahun – 2 tahun  
= 17 tahun

## PRAKTIS SUMATIF

## Soalan Objektif

- 1 C      2 B      3 D      4 C      5 A  
6 D

## Soalan Subjektif

- 31 bulan  
= 2 tahun 7 bulan
- $3 \times 4$  tahun 6 bulan  
= 12 tahun 18 bulan  
= 13 tahun 6 bulan
- $2 \times 2$  jam 35 minit  
= 4 jam 70 minit  
= 5 jam 10 minit
- 2 jam 20 minit + 1 jam 45 minit  
= 3 jam 65 minit  
= 4 jam 5 minit

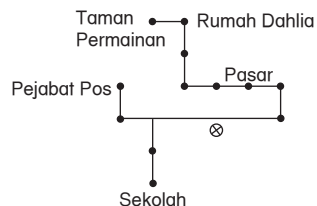
## PRAKTIS KENDIRI

## 12.1

- A
- 42 mm =  $(42 \div 10)$  cm  
= 4.2 cm
  - 620 mm =  $(620 \div 10)$  cm  
= 62 cm
  - 4 cm 8 mm =  $(4 \times 10)$  mm + 8 mm  
= 40 mm + 8 mm  
= 48 mm
  - 68 mm = 60 mm + 8 mm  
=  $(60 \div 10)$  cm + 8 mm  
= 6 cm + 8 mm  
= 6 cm 8 mm
  - 314 mm = 310 mm + 4 mm  
=  $(310 \div 10)$  cm + 4 mm  
= 31 cm + 4 mm  
= 31 cm 4 mm
  - 5 km =  $(5 \times 1\,000)$  m  
= 5 000 m
  - 15 200 m =  $(15\,200 \div 1\,000)$  km  
= 15.2 km
  - 10 km 910 m =  $(10 \times 1\,000)$  m + 910 m  
= 10 000 m + 910 m  
= 10 910 m
  - 47 100 m = 47 000 m + 100 m  
=  $(47\,000 \div 1\,000 \text{ km}) + 100 \text{ m}$   
= 47 km + 100 m  
= 47 km 100 m

## 12.2

- A
- (a) 40 mm                      (b) 65 mm
  - (a) 5 km                        (b) 12 km  
(c) 12 km  
(d)



## 12.3

- A
- 24 cm 9 mm + 19 mm + 15 cm 4 mm  
= 42 cm 2 mm
  - 37 cm 9 mm + 22 cm 8 mm  
= 60 cm 7 mm
  - 8 cm 6 mm + 13 cm 2 mm + 5 cm 1 mm  
= 26 cm 9 mm
  - 60 m + 214 m + 382 m  
= 656 m
  - 46 km 388 m + 96 km + 34 km 599 m  
= 176 km 987 m
  - 5 km 32 m + 307 m + 7 km 421 m  
= 12 km 760 m
  - 18 km 909 m + 653 m + 34 km 872 m  
= 52 km + 2 434 m  
= 52 km + 2 km + 434 m  
= 54 km 434 m

**12.4**

- A
- $58 \text{ cm } 5 \text{ mm} - 13 \text{ cm}$   
 $= 45 \text{ cm } 5 \text{ mm}$
  - $28 \text{ cm } 4 \text{ mm} - 5 \text{ mm} - 13 \text{ cm } 8 \text{ mm}$   
 $= 27 \text{ cm } 9 \text{ mm} - 13 \text{ cm } 8 \text{ mm}$   
 $= 14 \text{ cm } 1 \text{ mm}$
  - $65 \text{ cm } 7 \text{ mm} - 9 \text{ mm} - 41 \text{ cm } 3 \text{ mm}$   
 $= 64 \text{ cm } 8 \text{ mm} - 41 \text{ cm } 3 \text{ mm}$   
 $= 23 \text{ cm } 5 \text{ mm}$
  - $99 \text{ km } 700 \text{ m} - 108 \text{ m} - 54 \text{ km } 408 \text{ m}$   
 $= 99 \text{ km } 592 \text{ m} - 54 \text{ km } 408 \text{ m}$   
 $= 45 \text{ km } 408 \text{ m}$
  - $46 \text{ km } 709 \text{ m} - 22 \text{ km } 328 \text{ m} = 24 \text{ km } 381 \text{ m}$
  - $37 \text{ km } 42 \text{ m} - 916 \text{ m} - 23 \text{ km } 411 \text{ m}$   
 $= 36 \text{ km } 126 \text{ m} - 23 \text{ km } 411 \text{ m}$   
 $= 12 \text{ km } 715 \text{ m}$
  - $61 \text{ km } 2 \text{ m} - 327 \text{ m} - 41 \text{ km } 644 \text{ m}$   
 $= 60 \text{ km } 675 \text{ m} - 41 \text{ km } 644 \text{ m}$   
 $= 19 \text{ km } 31 \text{ m}$

**12.5**

- A
- $8 \times 32 \text{ cm } 7 \text{ mm} = 256 \text{ cm } 56 \text{ mm}$   
 $= 261 \text{ cm } 6 \text{ mm}$
  - $5 \times 48 \text{ cm } 4 \text{ mm} = 240 \text{ cm } 20 \text{ mm}$   
 $= 240 \text{ cm} + 2 \text{ cm}$   
 $= 242 \text{ cm}$
  - $6 \times 29 \text{ cm } 5 \text{ mm} = 174 \text{ cm } 30 \text{ mm}$   
 $= 174 \text{ cm} + 3 \text{ cm}$   
 $= 177 \text{ cm}$
  - $7 \times 73 \text{ km } 234 \text{ m} = 511 \text{ km } 1 \text{ 638 m}$   
 $= 511 \text{ km} + 1 \text{ km} + 638 \text{ m}$   
 $= 512 \text{ km } 638 \text{ m}$
  - $9 \times 56 \text{ km } 177 \text{ m} = 504 \text{ km } 1 \text{ 593 m}$   
 $= 504 \text{ km} + 1 \text{ km} + 593 \text{ m}$   
 $= 505 \text{ km } 593 \text{ m}$
  - $3 \times 84 \text{ km } 441 \text{ m} = 252 \text{ km } 1 \text{ 323 m}$   
 $= 252 \text{ km} + 1 \text{ km} + 323 \text{ m}$   
 $= 253 \text{ km } 323 \text{ m}$
  - $2 \times 96 \text{ km } 202 \text{ m} = 192 \text{ km } 404 \text{ m}$

**12.6**

- A
- $15 \text{ cm } 6 \text{ mm} \div 3 = 5 \text{ cm } 2 \text{ mm}$
  - $57 \text{ cm } 4 \text{ mm} \div 7 = 574 \text{ mm} \div 7$   
 $= 82 \text{ mm}$
  - $7 \text{ km } 174 \text{ m} \div 2 = 7 \text{ 174 m} \div 2$   
 $= 3 \text{ 587 m}$
  - $63 \text{ km } 84 \text{ m} \div 4 = 15 \text{ km } 771 \text{ m}$
  - $32 \text{ km } 632 \text{ m} \div 8 = 4 \text{ km } 79 \text{ m}$

**12.7**

- A
- $3 \text{ cm } 4 \text{ mm} + 31 \text{ cm } 2 \text{ mm} + 19 \text{ cm } 9 \text{ mm}$   
 $= 53 \text{ cm } 15 \text{ mm}$   
 $= 53 \text{ cm} + 1 \text{ cm} + 5 \text{ mm}$   
 $= 54 \text{ cm } 5 \text{ mm}$
  - $98 \text{ cm } 8 \text{ mm} - 21 \text{ cm } 9 \text{ mm} - 43 \text{ cm } 7 \text{ mm}$   
 $= 76 \text{ cm } 9 \text{ mm} - 43 \text{ cm } 7 \text{ mm}$   
 $= 33 \text{ cm } 2 \text{ mm}$
  - $9 \text{ km } 612 \text{ m} \div 4 = 9 \text{ 612 m} \div 4$   
 $= 2 \text{ 403 m}$   
 $= 2 \text{ km } 403 \text{ m}$
  - $14 \text{ cm } 7 \text{ mm} \times 8 = 117 \text{ cm } 6 \text{ mm}$

- B
- Tinggi anak benih minggu ke-4  
 $= 2 \times 3 \text{ cm}$   
 $= 6 \text{ cm}$   
Tinggi anak benih minggu ke-6  
 $= 4 \times 6 \text{ cm}$   
 $= 24 \text{ cm}$   
Tinggi anak benih minggu ke-7  
 $= 24 \text{ cm}$
  - Jarak dari rumah Sheera ke rumah Gary  
 $= 2 \times 1.7 \text{ km}$   
 $= 3.4 \text{ km}$   
Jarak dari rumah Zahrah ke rumah Gary  
 $= 1.7 \text{ km} + 3.4 \text{ km}$   
 $= 5.1 \text{ km}$

**PRAKTIS SUMATIF****Soalan Objektif**

- 1 C      2 C      3 C      4 A      5 B  
6 A

**Soalan Subjektif**

- $52 \text{ km } 72 \text{ m} + 881 \text{ m} + 13 \text{ km } 6 \text{ m}$   
 $= 65 \text{ km } 959 \text{ m}$
- $41 \text{ km} - 331 \text{ m} - 29 \text{ km } 11 \text{ m}$   
 $= 11 \text{ km } 658 \text{ m}$
- $24 \text{ cm } 5 \text{ mm} \times 7$   
 $= 245 \text{ mm} \times 7$   
 $= 1 \text{ 715 mm}$
- $267 \text{ km } 522 \text{ m} \div 2$   
 $= 133 \text{ km } 761 \text{ m}$

**Unit 13 Jisim****PRAKTIS KENDIRI****13.1**

- A
- $11 \text{ kg} - 5 \text{ kg } 49 \text{ g}$   
 $= 5 \text{ kg } 951 \text{ g}$
  - $13 \text{ kg } 173 \text{ g} + 5 \text{ kg } 249 \text{ g} - 4 \text{ kg } 286 \text{ g}$   
 $= 18 \text{ kg } 422 \text{ g} - 4 \text{ kg } 286 \text{ g}$   
 $= 14 \text{ kg } 136 \text{ g}$
  - $15 \text{ kg } 200 \text{ g} + 710 \text{ g} - 7 \text{ kg } 920 \text{ g}$   
 $= 15 \text{ kg } 910 \text{ g} - 7 \text{ kg } 920 \text{ g}$   
 $= 7 \text{ kg } 990 \text{ g}$
  - $29 \text{ kg } 861 \text{ g} - 149 \text{ g} + 3 \text{ kg } 328 \text{ g}$   
 $= 29 \text{ kg } 712 \text{ g} + 3 \text{ kg } 328 \text{ g}$   
 $= 33 \text{ kg } 40 \text{ g}$
  - $44 \text{ kg } 26 \text{ g} + 9 \text{ kg} - 540 \text{ g}$   
 $= 53 \text{ kg } 26 \text{ g} - 540 \text{ g}$   
 $= 52 \text{ kg } 486 \text{ g}$
- B
- $24 \text{ kg } 63 \text{ g} \div 3$   
 $= 8 \text{ kg } 21 \text{ g}$
  - $18 \text{ kg } 684 \text{ g} \div 9 \times 8$   
 $= 2 \text{ kg } 76 \text{ g} \times 8$   
 $= 16 \text{ kg } 608 \text{ g}$
  - $7 \times 33 \text{ kg } 33 \text{ g} \div 21$   
 $= 231 \text{ kg } 231 \text{ g} \div 21$   
 $= 11 \text{ kg } 11 \text{ g}$
  - $71 \text{ kg } 24 \text{ g} \div 8 \times 6$   
 $= 8 \text{ kg } 878 \text{ g} \times 6$   
 $= 53 \text{ kg } 268 \text{ g}$
  - $2 \times 14 \text{ kg } 982 \text{ g} \div 4$   
 $= 29 \text{ kg } 231 \text{ g} \div 4$   
 $= 7 \text{ kg } 491 \text{ g}$

**13.2**

- A**
- $41 \text{ kg } 310 \text{ g} + 3 \text{ kg } 920 \text{ g} - 870 \text{ g}$   
 $= 44 \text{ kg } 1230 \text{ g} - 870 \text{ g}$   
 $= 44 \text{ kg } 360 \text{ g}$
  - $5 \text{ kg } 200 - 940 \text{ g} + 4 \text{ kg } 720 \text{ g}$   
 $= 5200 \text{ g} - 940 \text{ g} + 4720 \text{ g}$   
 $= 4260 \text{ g} + 4720 \text{ g}$   
 $= 8980 \text{ g}$
  - $11 \text{ kg } 320 \text{ g} \div 8 \times 5 = 1 \text{ kg } 415 \text{ g} \times 5$   
 $= 7 \text{ kg } 75 \text{ g}$
- B**
- Jisim Khalis  
 $= 60 \text{ kg} \div 2$   
 $= 30 \text{ kg}$   
 Jisim abang Khalis  
 $= 2 \times 30 \text{ kg}$   
 $= 60 \text{ kg}$   
 Jumlah jisim mereka  
 $= 60 \text{ kg} + 30 \text{ kg} + 60 \text{ kg}$   
 $= 150 \text{ kg}$
  - Jumlah jisim pemberat  
 $= 1 \text{ kg} + 1 \text{ kg} + 500 \text{ g} + 500 \text{ g} + 500 \text{ g}$   
 $= 2 \text{ kg} + 1500 \text{ g}$   
 $= 3 \text{ kg } 500 \text{ g}$   
 Jisim sepeket gula  
 $= 3 \text{ kg } 500 \text{ g} - 1 \text{ kg } 500 \text{ g}$   
 $= 2 \text{ kg}$   
 Bilangan pemberat yang perlu diletak  
 $= 2 \text{ kg} \div 500 \text{ g}$   
 $= 2000 \text{ g} \div 500 \text{ g}$   
 $= 4$   
 Penimbang itu tidak seimbang. 4 pemberat 500 g perlu diletakkan supaya penimbang itu seimbang.

**PRAKTIS SUMATIF****Soalan Objektif**

1 B      2 B      3 C      4 C      5 B

**Soalan Subjektif**

- $71 \text{ kg } 34 \text{ g} - 23 \text{ kg } 705 \text{ g} + 921 \text{ g}$   
 $= 47 \text{ kg } 329 \text{ g} + 921 \text{ g}$   
 $= 48 \text{ kg } 250 \text{ g}$
- $42 \text{ kg } 648 \text{ g} \div 6 \times 3 = 21 \text{ kg } 324 \text{ g}$
- $4 \text{ kg } 150 \text{ g} - 950 \text{ g} + 4 \text{ kg } 150 \text{ g}$   
 $= 4150 \text{ g} - 950 \text{ g} + 4150 \text{ g}$   
 $= 3200 \text{ g} + 4150 \text{ g}$   
 $= 7350 \text{ g}$
- $9 \times 3 \text{ kg } 430 \text{ g} \div 7 = 30 \text{ kg } 870 \text{ g} \div 7$   
 $= 4 \text{ kg } 410 \text{ g}$

**Unit 14 Isi padu Cecair****PRAKTIS KENDIRI****14.1**

- A**
- $6 \text{ l } 850 \text{ ml} + 1 \text{ l } 690 \text{ ml}$   
 $= 5 \text{ l } 160 \text{ ml}$
  - $3 \text{ l } 700 \text{ ml} + 2 \text{ l } 88 \text{ ml} - 1 \text{ l } 50 \text{ ml}$   
 $= 5 \text{ l } 788 \text{ ml} - 1 \text{ l } 50 \text{ ml}$   
 $= 4 \text{ l } 738 \text{ ml}$
  - $4 \text{ l } 150 \text{ ml} + 500 \text{ ml} - 2 \text{ l } 90 \text{ ml}$   
 $= 4 \text{ l } 650 \text{ ml} - 2 \text{ l } 90 \text{ ml}$   
 $= 2 \text{ l } 560 \text{ ml}$

- $7 \text{ l } 40 \text{ ml} - 4 \text{ l } 240 \text{ ml} + 520 \text{ ml}$   
 $= 2 \text{ l } 800 \text{ ml} + 520 \text{ ml}$   
 $= 3 \text{ l } 320 \text{ ml}$
- $950 \text{ ml} + 1 \text{ l } 690 \text{ ml} - 2 \text{ l } 25 \text{ ml}$   
 $= 2 \text{ l } 640 \text{ ml} - 2 \text{ l } 25 \text{ ml}$   
 $= 615 \text{ ml}$

- B**
- $4 \times 1 \text{ l } 224 \text{ ml} = 4 \text{ l } 896 \text{ ml}$
  - $9040 \text{ ml} \div 16 \times 2 = 565 \text{ ml} \times 2$   
 $= 1130 \text{ ml}$
  - $6 \text{ l } 78 \text{ ml} \div 6 \times 8 = 1 \text{ l } 13 \text{ ml} \times 8$   
 $= 8 \text{ l } 104 \text{ ml}$
  - $843 \text{ l} \div 15 \times 3 = 5 \text{ l } 200 \text{ ml} \times 3$   
 $= 168 \text{ l } 600 \text{ ml}$
  - $2 \times 12 \text{ l } 327 \text{ ml} \div 7 = 24 \text{ l } 654 \text{ ml} \div 7$   
 $= 3 \text{ l } 522 \text{ ml}$

**14.2**

- A**
- $11 \text{ l } 810 \text{ ml} + 7 \text{ l } 980 \text{ ml} - 627 \text{ ml}$   
 $= 19 \text{ l } 790 \text{ ml} - 627 \text{ ml}$   
 $= 19 \text{ l } 163 \text{ ml}$
  - $4 \times 1 \text{ l } 250 \text{ ml} \div 8 = 4 \times 1250 \text{ ml} \div 8$   
 $= 5000 \text{ ml} \div 8$   
 $= 625 \text{ ml}$
  - $2 \text{ l } 440 \text{ ml} + 3 \text{ l } 190 \text{ ml} - 548 \text{ ml}$   
 $= 5 \text{ l } 630 \text{ ml} - 548 \text{ ml}$   
 $= 5 \text{ l } 82 \text{ ml}$
- B**
- Isi padu air di dalam bikar Q  
 $= 2 \text{ l } 110 \text{ ml} - 850 \text{ ml} + 1 \text{ l } 350 \text{ ml}$   
 $= 1 \text{ l } 260 \text{ ml} + 1 \text{ l } 350 \text{ ml}$   
 $= 2 \text{ l } 610 \text{ ml}$
  - Isi padu air mineral di dalam botol Q  
 $= 3500 \text{ ml} \div 2$   
 $= 1750 \text{ ml}$   
 Isi padu air mineral di dalam botol P  
 $= 1750 \text{ ml} \div 2$   
 $= 875 \text{ ml}$   
 Jumlah isi padu air mineral Arif  
 $= 5 \times 875 \text{ ml}$   
 $= 4375 \text{ ml}$

**PRAKTIS SUMATIF****Soalan Objektif**

1 B      2 C      3 A      4 C      5 B

**Soalan Subjektif**

- $5 \times 3 \text{ l } 105 \text{ ml} \div 15 = 1035 \text{ ml}$
- $10 \text{ l } 840 \text{ ml} + 760 \text{ ml} - 3 \text{ l } 190 \text{ ml}$   
 $= 11 \text{ l } 600 \text{ ml} - 3 \text{ l } 190 \text{ ml}$   
 $= 8 \text{ l } 410 \text{ ml}$
- $9 \times 10 \text{ l } 125 \text{ ml} \div 5 = 91 \text{ l } 125 \text{ ml} \div 5$   
 $= 18 \text{ l } 225 \text{ ml}$

**Unit 15 Ruang****PRAKTIS KENDIRI****15.1**

- A**
- |               |               |               |
|---------------|---------------|---------------|
| 1 sudut tirus | 4 sudut cakah | 7 sudut tegak |
| 2 sudut tegak | 5 sudut tegak | 8 sudut tirus |
| 3 sudut tirus | 6 sudut cakah |               |



### 15.2

- A 1 Garis selari; *RS*  
 Garis seranjang; *QR* dan *PS*  
 2 Garis seranjang; *QR*  
 3 Garis seranjang; *PR*  
 Garis selari; *RS*  
 4 Garis seranjang; *PS* dan *QR*  
 Garis selari; *RS*  
 5 Garis seranjang; *PS* dan *QR*  
 Garis selari; *RS*  
 6 Garis seranjang; *PS* dan *QR*  
 Garis selari; *RS*  
 7 Garis seranjang; *PT* dan *QS*  
 Garis selari; *ST*

### 15.3

- A 1  $p + q + p + q$   
 2  $r + r + r + r + r + r$
- B 1  $8 \times 6 \text{ cm} = 48 \text{ cm}$   
 2  $5 \times 9 \text{ cm} = 45 \text{ cm}$   
 3  $3 \times 12 \text{ cm} = 36 \text{ cm}$
- C 1 panjang  $\times$  lebar =  $2 \text{ unit} \times 2 \text{ unit}$   
 $= 4 \text{ unit}^2$   
 2  $\frac{1}{2} \times \text{tapak} \times \text{tinggi} = 8 \text{ cm}^2$   
 $= \frac{1}{2} \times 4 \text{ unit} \times 4 \text{ unit}$   
 $= 8 \text{ unit}^2$
- D 1  $11 \text{ cm} \times 4 \text{ cm} = 44 \text{ cm}^2$   
 2  $10 \text{ cm} \times 10 \text{ cm} = 100 \text{ cm}^2$   
 3  $\frac{1}{2} \times 9 \text{ cm} \times 10 \text{ cm} = 45 \text{ cm}^2$

### 15.4

- A 1 panjang  $\times$  lebar  $\times$  tinggi =  $4 \text{ unit} \times 1 \text{ unit} \times 2 \text{ unit}$   
 $= 8 \text{ unit}^3$   
 2 panjang  $\times$  lebar  $\times$  tinggi =  $4 \text{ unit} \times 3 \text{ unit} \times 2 \text{ unit}$   
 $= 24 \text{ unit}^3$
- B 1  $15 \text{ cm} \times 3 \text{ cm} \times 5 \text{ cm} = 225 \text{ cm}^3$   
 2  $10 \text{ cm} \times 4 \text{ cm} \times 6 \text{ cm} = 240 \text{ cm}^3$   
 3  $9 \text{ cm} \times 9 \text{ cm} \times 9 \text{ cm} = 729 \text{ cm}^3$
- C 1 Luas segi tiga =  $\frac{1}{2} \times 16 \text{ cm} \times t$   
 $80 \text{ cm}^2 = 8 \text{ cm} \times t$   
 $t = 10 \text{ cm}$   
 2 Panjang sisi kubus =  $2 \times 2 \text{ cm} = 4 \text{ cm}$   
 Isi padu kubus =  $4 \times 4 \text{ cm} \times 4 \text{ cm}$   
 $= 64 \text{ cm}^3$   
 3 Tinggi satu kotak =  $1352 \text{ cm}^3 \div 12 \text{ cm} \div 13 \text{ cm}$   
 $= 104 \div 13$   
 $= 8 \text{ cm}$   
 Tinggi lima kotak =  $5 \times 8 \text{ cm}$   
 $= 40 \text{ cm}$

### PRAKTIS SUMATIF

#### Soalan Objektif

- 1 C                      2 A                      3 D                      4 A                      5 D  
 6 B

### Soalan Subjektif

- 1  $12 \text{ cm} + 2 \text{ cm} + 12 \text{ cm} + 2 \text{ cm} = 28 \text{ cm}$   
 2  $\frac{1}{2} \times 4 \text{ cm} \times 7 \text{ cm} = 14 \text{ cm}^2$   
 3  $34 \text{ cm} - 5 \text{ cm} - 5 \text{ cm} = 24 \text{ cm}$   
 Panjang =  $24 \text{ cm} \div 2 = 12 \text{ cm}$   
 4  $\frac{1}{2} \times 10 \text{ cm} \times 10 \text{ cm} = 50 \text{ cm}^2$   
 5  $3 \times 8 \text{ cm} = 24 \text{ cm}$   
 6  $49 \text{ cm}^2 = 7 \text{ cm} \times 7 \text{ cm}$   
 Panjang setiap sisi kubus =  $7 \text{ cm}$   
 7  $3 \text{ cm} \times 3 \text{ cm} = 9 \text{ cm}^2$   
 8  $5 \text{ cm} \times 5 \text{ cm} \times 5 \text{ cm} = 125 \text{ cm}^3$

### Unit 16 Koordinat

### PRAKTIS KENDIRI

#### 16.1

- A 1 (a) 4 petak ke kanan dan 3 petak ke atas  
 atau  
 lajur keempat, baris ketiga  
 (b) 1 petak ke kanan dan 2 petak ke atas  
 atau  
 lajur pertama, baris kedua  
 (c) segi tiga dan segi empat tepat  
 2 (a) Azri      (b) Alif      (c) Puspa      (d) Yuen
- B 1 (a) mencancang                      (d) E2  
 (b) mengufuk                              (e) C1  
 (c) D3    (f) cerek dan seterika  
 2 (a) (i) tali leher                          (ii) langsir  
 (b) (i) D1                                      (ii) B5  
 (c) kasut

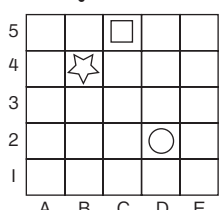
- C 1 (2, 2)    2 30

### PRAKTIS SUMATIF

#### Soalan Objektif

- 1 A                      2 D                      3 D                      4 B                      5 C  
 6 C

### Soalan Subjektif

- 1  2 (a) C2  
 (b) pensel  
 3 (a) A1  
 (b) arnab  
 (c) kucing  
 (d) burung

### Unit 17 Kadaran

### PRAKTIS KENDIRI

#### 17.1

- A 1  $\text{RM}7.80 \div 3 = \text{RM}2.60$   
 2 Kedai A:  $\text{RM}6.60 \div 3 = \text{RM}2.20$   
 Kedai B:  $\text{RM}10.00 \div 5 = \text{RM}2.00$   
 Kedai B lebih murah daripada kedai A  
 3 Kedai K:  $\text{RM}4.50$   
 Kedai L:  $\text{RM}30.40 \div 8 = \text{RM}3.80$   
 Kedai K lebih mahal daripada kedai L.  
 Beza harga =  $\text{RM}4.50 - \text{RM}3.80$   
 $= \text{RM}0.70$

- B 1** Harga bagi sebuah beg =  $\text{RM}240 \div 4$   
 $= \text{RM}60$   
 Harga bagi 5 buah beg =  $5 \times \text{RM}60$   
 $= \text{RM}300$
- 2** Kedai P :  $\text{RM}3.20 \div 2 = \text{RM}1.60$   
 Kedai Q :  $\text{RM}4.20 \div 3 = \text{RM}1.40$   
 Membeli di kedai Q kerana harganya lebih murah berbanding kedai P.
- 3** Harga rambutan Azlin =  $\text{RM}6.60 \div 3 \times 7$   
 $= \text{RM}2.20 \times 7$   
 $= \text{RM}15.40$   
 Baki wang Azlin =  $\text{RM}20 - \text{RM}15.40$   
 $= \text{RM}4.60$   
 Harga rambutan Fikri =  $\text{RM}8.40 \div 4 \times 7$   
 $= \text{RM}2.10 \times 7$   
 $= \text{RM}14.70$   
 Baki wang Fikri =  $\text{RM}20 - \text{RM}14.70$   
 $= \text{RM}5.30$   
 $\therefore$  Kenyataan Azlin salah

### PRAKTIS SUMATIF

#### Soalan Objektif

- 1 B      2 D      3 C      4 C      5 D  
 6 C      7 A      8 B

#### Soalan Subjektif

- 1  $\text{RM}206 \div 5 \times 4 = \text{RM}41.20 \times 4 = \text{RM}164.80$   
 2  $228 \text{ m} \div 6 \times 5 = 38 \text{ m} \times 5 = 190 \text{ m}$   
 3 Kedai Ahmad:  $\text{RM}191.40 \div 2 = \text{RM}95.70$   
 Kedai Azwan:  $\text{RM}279.60 \div 3 = \text{RM}93.20$   
 $\therefore$  Kedai Ahmad lebih mahal  
 4 Kedai P :  $\text{RM}10.80 \div 4 = \text{RM}2.70$   
 Kedai Q :  $\text{RM}12.50 \div 5 = \text{RM}2.50$   
 $\therefore$  Kedai Q lebih murah  
 5  $279 \div 9 \times 5 = 31 \times 5 = 155$   
 6  $1\ 057 \text{ g} \div 7 \times 9 = 151 \text{ g} \times 9$   
 $= 1\ 359 \text{ g}$

### Unit 18 Perwakilan Data

### PRAKTIS KENDIRI

#### 18.1

- A 1** (a) piktograf  
 (b) 40 biji  
 (c) Ahad  
 (d) 40 biji  
 (e) 150 biji
- 2** (a) 100  
 (b) 60  
 (c) 3
- 3** (a) carta pai  
 (b) 25%  
 (c) 25%  
 (d) membaca surat khabar  
 (e) majalah; komik  
 (f) 30%
- 4** (a) carta palang  
 (b) (i) 35      (ii) 25      (iii) 50  
 (c) Vivian  
 (d) Vivian; Yaya  
 (e) Nora =  $150 - 35 - 25 - 50 = 40$

- B 1** (a) 5%  
 (b)  $\frac{5}{100} \times 200 = 10$  orang
- 2** (a) 20  
 (b) Bilangan pelawat hari Selasa  
 $= 80 \div 2$   
 $= 40$  orang  
 Bilangan pelawat pada hari Isnin  
 $= (320 - 120) \div 2$   
 $= 100$

### PRAKTIS SUMATIF

#### Soalan Objektif

- 1 B      2 A      3 D      4 C      5 B  
 6 A      7 C

#### Soalan Subjektif

- 1  $60 + 90 + 100 + 40 = 290$   
 2  $100 - 40 = 60$  orang  
 3  $150 - 90 = 60$  biji  
 4  $60 - 30 = 30$  biji  
 5  $S = 100\% - 35\% - 30\% - 10\% = 25\%$   
 6 35%  
 7  $30\% - 10\% = 20\%$

### PENILAIAN AKHIR TAHUN

#### Kertas 1

- 1 D      2 C      3 D      4 B      5 B  
 6 A      7 B      8 B      9 D      10 A  
 11 C      12 D      13 C      14 B      15 A  
 16 B      17 C      18 C      19 C      20 C  
 21 C      22 D      23 B      24 B      25 C  
 26 C      27 D      28 C      29 B      30 C  
 31 D      32 B      33 D      34 A      35 C  
 36 D      37 C      38 B      39 B      40 B

#### Kertas 2

- 1 (a) 120 keping      (b)  $\text{RM}9\ 642$

- 2 (a)  $2\frac{3}{4}$       (b)  $\frac{11}{4}$

- 3 (a)  $73\ 200 + 2\ 450 - 450 = 75\ 200$

- (b) 24 km 500 m

- 4 (a) A2

- (b) (i) Bilangan petak ke atas = 5  
 Kedudukan = C5



- 5

Hari	Jam	Hari	Jam
2	1 6	8	2 6
3	5	-	1 - 2 4
+ 3	5	8	2
8	2 6	9	2

$\therefore$  9 hari 2 jam

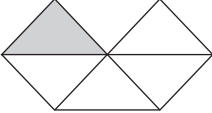
- 6 (a) 

✓	2
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- (b) Jisim 3 tin cat =  $5 \text{ kg} + 50 \text{ g} + 200 \text{ g}$   
 $= 5 \text{ kg } 250 \text{ g}$

Jisim 9 tin cat =  $5 \text{ kg } 250 \text{ g} \times 3$   
 $= 15 \text{ kg } 750 \text{ g}$

- 7 (a) 2 l 160 ml  
 (b)  $2 \text{ l } 700 \text{ ml} + 2 \text{ l } 160 \text{ ml} = 4 \text{ l } 860 \text{ ml}$   
 (c)  $4 \text{ l } 860 \text{ ml} \div 2 = 2\ 430 \text{ ml}$

- 8 (a)  $93 \text{ cm } 6 \text{ mm} \div 6 = 15 \text{ cm } 6 \text{ mm}$   
 (b)  $15 \text{ cm } 6 \text{ mm} \div 3 = 5 \text{ cm } 2 \text{ mm}$
- 9 (a) 190 km  
 (b) 3 jam  $\rightarrow$  285 km  
 1 jam  $\rightarrow$  285 km  $\div$  3 = 95 km  
 2 jam  $\rightarrow$   $2 \times 95 \text{ km} = 190 \text{ km}$   
 Masa yang diambil ialah 2 jam.
- 10 (a)  $\frac{1}{2} + \frac{1}{6} = \frac{2}{3}$  (b)  $\frac{5}{6} - \frac{2}{3} = \frac{1}{6}$   
 (c) 
- 11 (a) kuboid  
 (b) Tinggi =  $9 \text{ cm} - 3 \text{ cm} = 6 \text{ cm}$   
 Isi padu =  $12 \text{ cm} \times 2 \text{ cm} \times 6 \text{ cm}$   
 $= 144 \text{ cm}^3$   
 (c) Isi padu kotak Hafiz  
 $= 12 \text{ cm} \times 2 \text{ cm} \times 9 \text{ cm}$   
 $= 216 \text{ cm}^3$   
 Jumlah isi padu =  $216 \text{ cm}^3 + 144 \text{ cm}^3$   
 $= 360 \text{ cm}^3$
- 12 (a) Kek hari Selasa =  $5 \times 5 = 25$   
 Kek hari Rabu =  $4 \times 5 = 20$   
 Beza kek hari Selasa dan Rabu =  $25 - 20 = 5$  biji  
 (b) 7 biji  $\rightarrow$  RM24.50  
 28 biji  $\rightarrow$   $\text{RM}24.50 \times 4 = \text{RM}98.00$   
 Baki wang Hani  
 $= \text{RM}120 - \text{RM}98 = \text{RM}22$   
 Harga sebiji kek ialah RM24.50 maka baki wang itu tidak mencukupi membeli sebiji kek.
- 13 (a)  $\text{RM}100 + \text{RM}100 + \text{RM}50 + \text{RM}20 + \text{RM}10 + \text{RM}5 = \text{RM}285$   
 (b) Jumlah harga barangan  
 $= \text{RM}56.00 + \text{RM}99.90 + \text{RM}126.90$   
 $= \text{RM}282.80$   
 Baki wang Vhenosha  
 $= \text{RM}285 - \text{RM}282.80$   
 $= \text{RM}2.20$
- 14 (a)  $5\,337 + 7\,208 + 9\,463 = 22\,008$  orang  
 (b) 

Tempat	Bilangan pengunjung kanak-kanak
Muzium padi	30
Stadium Darul Aman	25
Gunung Keriang	20
Menara Alor Setar	35
- 15 (a)  $35 \text{ cm} \times 5 \text{ cm} = 175 \text{ cm}^2$   
 (b)  $48 \div 8 \times 14 = 6 \times 14$   
 $= 84$  bongkah

#### Fokus UPSR 1

- 1 (a) Tujuh puluh enam ribu empat ratus tiga puluh dua  
 (b) Puluh ribu
- 2 (a) 34 700  
 (b)  $30\,000 + 6\,000 + 200$
- 3 (a) 56 390, 56 093, 53 906, 53 209  
 (b) 56 390 dan 56 093

- 4 (a) (i) 10 348  
 (ii) 84 301  
 (b) 10 384
- 5 (a) Ratus  
 (b) 6 puluh ribu + 8 ribu + 0 ratus + 5 puluh + 7 sa  
 (c) 68 000

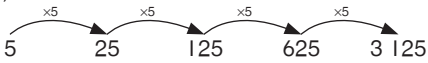
#### Fokus UPSR 2

- 1 (a) 37 500, 37 540  
 (b)  $37\,500 + 37\,540 = 75\,040$
- 2 (a)  $7\,560 + 4\,943 = 12\,503$   
 (b)  $23\,898 + 7\,560 + 4\,943 = 36\,401$
- 3 (a)  $1\,530 + 2\,820 = 4\,350$  bungkus  
 (b)  $1\,250 + 1\,530 + 4\,350 = 7\,130$
- 4 (a)  $5\,798 + 16\,049 = 21\,847$   
 (b)  $5\,798 + 21\,847 = 27\,645$
- 5 (a)  $13\,430 + 760 = 14\,190$   
 (b)  $7\,275 + 7\,565 = 14\,840$   
 Kenyataan ini salah kerana bilangan tempat duduk di Stadium Melur ialah 14 190.
- 6 (a) sejumlah stok telur  
 (b)  $345 + M = 600$

#### Fokus UPSR 3

- 1 (a)  $23\,188 - 21\,538 = 1\,650$   
 $K = 21\,538 - 1\,650$   
 $= 19\,888$   
 $L = 24\,383 + 1\,650 + 1\,650$   
 $= 28\,138$   
 (b)  $80\,000 - 19\,888 - 28\,138$   
 $= 60\,112 - 28\,138$   
 $= 31\,974$
- 2 (a)  $66\,938 - 14\,392 = 52\,546$   
 (b) 52 500
- 3 (a) 70 000  
 (b)  $73\,069 - 45\,138 = 27\,931$
- 4 (a) Bilangan tin minuman Azman  
 (b)  $128 - X = 18$
- 5 (a)  $18\,525 - 6\,720 = 11\,805$   
 (b) Anggaran bilangan karpap =  $11\,805 - 1\,049$   
 $= 10\,756$

#### Fokus UPSR 4

- 1 (a)   
 $P = 5 \times 3\,125 = 15\,625$   
 (b)  $5 \times 15\,625 = 78\,125$
- 2 (a)  $3 \times 64 = 192$  batang  
 (b)  $4 \times 64 + 3 \times 192 = 256 + 576$   
 $= 832$  batang
- 3 (a)  $35 \times 202 = 7\,070$   
 (b)  $100 \times 180 = 18\,000$   
 $100 \times 200 = 20\,000$   
 Anggaran bilangan manik adalah antara 18 000 biji hingga 20 000 biji.
- 4 (a)  $60 \times 150 = 9\,000$  batang  
 (b)  $6 \times 420 = 2\,520$  kotak paku

### Fokus UPSR 5

- (a)  $62\,704 \div 100 = 627$  baki 4  
627 ratus  
(b)  $62\,704 \div 8 = 7\,838$
- (a)  $P = 3\,000$ ;  $Q = 2\,000$   
(b)  $R = 60\,000 \div 30 = 2\,000$   
Nilai  $Q$  sama dengan nilai  $R$ .
- (a)  $10\,920 \div 7 = 1\,560$   
(b)  $1\,560 \div 4 = 390$   
 $1\,560 \div 5 = 312$   
Anggaran bilangan pelanggan ialah antara 312 orang hingga 390 orang.
- (a)  $1\,452 \div 6 = 242$   
(b)  $242 \div 2 = 121$
- (a)  $77\,424 \div 3 = 25\,808$   
(b)  $77\,424 \div 12 = 6\,452$
- $16\,328 \div 100 = 163$  baki 28  
Baki buku cerita ialah 28 buah.

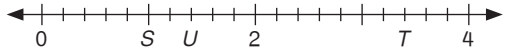
### Fokus UPSR 6

- (a)  $5\,260 - 3\,814 + 6\,729 = 1\,446 + 6\,729$   
 $= 8\,175$   
(b)  $6\,729 - 2\,275 + 3\,814 = 4\,454 + 3\,814$   
 $= 8\,268$
- (a)  $969 - 256 - 308 = 713 - 308$   
 $= 405$   
(b)  $969 - 12 - 9 = 957 - 9$   
 $= 948$
- (a) Epal hijau =  $480 - 178 = 302$   
Epal merah =  $156 - 94 = 62$   
Bilangan epal yang tinggal =  $302 + 62 = 364$   
(b)  $364 - 36 + 356 = 328 + 356$   
 $= 684$
- (a)  $18\,625 - 785 + 1\,210 = 17\,840 + 1\,210$   
 $= 19\,050$   
(b) Ogos =  $19\,050 \div 2 = 9\,525$

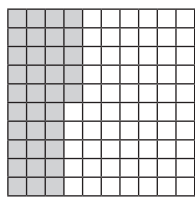
### Fokus UPSR 7

- (a)  $1\frac{1}{4}$   
(b)  $\frac{5}{4}$
- (a) 2 bahagian  
(b)  $\frac{11}{4}$
- (a)  $\frac{1}{2} - \frac{1}{5} = \frac{5}{10} - \frac{2}{10} = \frac{3}{10}$  jam  
(b)  $\frac{5}{10} + \frac{1}{10} = \frac{4}{10} = \frac{2}{5}$  jam
- (a)  $\frac{7}{10} - \frac{2}{5} = \frac{7}{10} - \frac{4}{10}$   
 $= \frac{3}{10}$  kg  
(b)  $\frac{4}{5} - \frac{3}{10} = \frac{8}{10} - \frac{3}{10}$   
 $= \frac{5}{10}$   
 $= \frac{1}{2}$  kg

### Fokus UPSR 8

- (a) Sifar peruluhan sifar tiga lapan  
(b) 14.1
- (a)  $S = 1$   
 $T = 3.4$   
(b) 
- (a)  $8.738 + 1.372 = 10.11$   
8.738 dan 1.372  
(b)  $4.139 + 5.109 = 9.248$
- (a)  $9.72 \text{ m} \div 9 = 1.08 \text{ m}$   
(b)  $2 \times 4 \times 1.08 \text{ m} = 8 \times 1.08 \text{ m}$   
 $= 8.64 \text{ m}$
- (a)  $10.77 \text{ m} \div 5 = 2.154 \text{ m}$   
(b)  $3 \times 2.154 \text{ m} = 6.462 \text{ m}$

### Fokus UPSR 9

- (a)   
(b) 0.35
- (a) 0.48  
(b)  $\frac{48}{100}$
- (a) 65%  
(b) 35%
- (a) 35%  
(b) 52%
- (a) 26%  
(b)  $73\% - 26\% = 47\%$   
 $47\% = \frac{47}{100}$   
47 petak perlu dilorek

### Fokus UPSR 10

- (a)  $65 \times \text{RM}100 + 20 \times \text{RM}50 + 35 \times \text{RM}5 + 14 \times 20 \text{ sen}$   
 $= \text{RM}6\,500 + \text{RM}1\,000 + \text{RM}175 + \text{RM}2.80$   
 $= \text{RM}7\,677.80$   
(b) RM7 678
- (a)  $8 \times \text{RM}950 = \text{RM}7\,600$   
(b)  $\text{RM}11\,250 \div 5 = \text{RM}2\,250$   
Pernyataan Encik Lim benar  
(c) Encik Lim membeli peralatan eletrik yang lebih mahal
- (a)  $\text{RM}12\,300 \div 12 = \text{RM}1\,025$   
(b) Kad kredit
- $25 \times \text{RM}100 = \text{RM}2\,500$   
 $\text{RM}899 + \text{RM}1\,650 + \text{RM}399 = \text{RM}2\,948$   
 $\text{RM}2\,948 - \text{RM}2\,500 = \text{RM}448$
- $\text{RM}215.75 - \text{RM}125.90 = \text{RM}89.85$

### Fokus UPSR 11

- (a)  $22 \text{ hari} \div 7 = 3 \text{ minggu } 1 \text{ hari}$   
(b)  $3 \text{ minggu } 1 \text{ hari} + 1 \text{ minggu} = 4 \text{ minggu } 1 \text{ hari}$
- (a)  $13 \text{ tahun } 9 \text{ bulan} + 4 \text{ tahun } 10 \text{ bulan}$   
 $= 18 \text{ tahun } 7 \text{ bulan}$   
(b)  $18 \text{ tahun } 7 \text{ bulan} - 17 \text{ tahun } 8 \text{ bulan}$   
 $= 11 \text{ bulan}$
- $15 \text{ tahun} - 4 \text{ tahun } 8 \text{ bulan}$   
 $= 10 \text{ tahun } 4 \text{ bulan}$
- (a)  $1 \text{ hari } 6 \text{ jam} = 24 \text{ jam} + 6 \text{ jam}$   
 $= 30 \text{ jam}$   
Masa dari  $N$  ke  $O = 30 \text{ jam} \div 3 = 10 \text{ jam}$   
(b)  $1 \text{ hari } 6 \text{ jam} + 10 \text{ jam}$   
 $= 1 \text{ hari } 16 \text{ jam}$
- (a)  $3 \text{ hari } 7 \text{ jam} - 1 \text{ hari } 8 \text{ jam}$   
 $= 1 \text{ hari } 23 \text{ jam}$   
(b)  $1 \text{ hari } 8 \text{ jam} - 5 \text{ jam}$   
 $= 1 \text{ hari } 3 \text{ jam}$

### Fokus UPSR 12

- (a)  $30 \text{ mm}$   
(b)  $3 \text{ cm}$   
(c)  $34 \text{ mm} - 30 \text{ mm} = 4 \text{ mm}$
- (a)  $3 \times 17 \text{ km } 45 \text{ m} = 51 \text{ km } 135 \text{ m}$   
(b)  $17 \text{ km } 45 \text{ m} + 17 \text{ km } 45 \text{ m} + 51 \text{ km } 135 \text{ m}$   
 $= 85 \text{ km } 225 \text{ m}$
- $142 \text{ cm} + 3 \text{ cm } 8 \text{ mm} - 8 \text{ mm}$   
 $= 145 \text{ cm } 8 \text{ mm} - 8 \text{ mm}$   
 $= 145 \text{ cm}$
- (a)  $2 \text{ } 150 \text{ m}$   
(b)  $2 \times 2 \text{ km } 150 \text{ m} = 4 \text{ km } 300 \text{ m}$   
(c)  $4 \text{ km } 300 \text{ m} + 2 \text{ km } 150 \text{ m} = 6 \text{ km } 450 \text{ m}$

### Fokus UPSR 13

- (a)  $5 \text{ kg } 750 \text{ g}$   
(b)  $5 \text{ kg } 750 \text{ g} + 5 \text{ kg } 750 \text{ g} + 2 \text{ kg } 505 \text{ g}$   
 $= 14 \text{ kg } 5 \text{ g}$
- (a)  $2 \times 5 \text{ } 300 \text{ g} \div 4 = 10 \text{ } 600 \text{ g} \div 4$   
 $= 2 \text{ } 650 \text{ g}$   
(b)  $2 \text{ kg } 650 \text{ g}$
- (a)  $12 \text{ kg } 450 \text{ g} - 2 \text{ } 890 \text{ g}$   
 $= 9 \text{ kg } 560 \text{ g}$   
(b)  $\text{Bakul } M = 9 \text{ kg } 560 \text{ g} + 5 \text{ kg } 365 \text{ g}$   
 $= 14 \text{ kg } 925 \text{ g}$   
Jumlah jisim mangga  
 $= 12 \text{ kg } 450 \text{ g} + 9 \text{ kg } 560 \text{ g} + 14 \text{ kg } 925 \text{ g}$   
 $= 36 \text{ kg } 935 \text{ g}$
- (a)  $1 \text{ } 000 \text{ g} \div 5 \times 3 = 200 \text{ g} \times 3$   
 $= 600 \text{ g}$   
(b)  $9 \times 200 \text{ g} = 1 \text{ } 800 \text{ g} = 1.8 \text{ kg}$



### Fokus UPSR 14

- (a)  $5 \times 1 \text{ } \ell 500 \text{ ml} = 7 \text{ } \ell 500 \text{ ml}$   
(b)  $3 \times 1 \text{ } 500 \text{ ml} \div 6$   
 $= 4 \text{ } 500 \text{ ml} \div 6$   
 $= 750 \text{ ml}$
- (a)  $30 \text{ } \ell 800 \text{ ml} + 22 \text{ } \ell 325 \text{ ml}$   
 $= 53 \text{ } \ell 125 \text{ ml}$   
(b)  $53 \text{ } \ell 125 \text{ ml} - 35 \text{ } \ell$   
 $= 18 \text{ } \ell 125 \text{ ml}$
- (a)  $700 \text{ ml}$   
(b)  $\text{Isi padu air yang perlu ditambah}$   
 $= 1 \text{ } 000 \text{ ml} - 700 \text{ ml}$   
 $= 300 \text{ ml}$   
(c)  $300 \text{ ml} \div 50 \text{ ml} = 6$   
 $6 \text{ cawan}$
- (a)  $3 \times 850 \text{ ml} \div 6$   
 $= 2 \text{ } 550 \text{ ml} \div 6$   
 $= 425 \text{ ml}$   
(b)  $4 \times 425 \text{ ml} = 1 \text{ } 700 \text{ ml}$

### Fokus UPSR 15

- (a)  $4$   
(b) (i) Sudut tegak  
(ii) Sudut tirus  
(iii) Sudut cakah
- (a)  $SR$   
(b)  $PQ$  atau  $RS$   
(c)  $15 \text{ cm} + 15 \text{ cm} + 15 \text{ cm} + 15 \text{ cm} = 60 \text{ cm}$
- (a)  $96 \text{ cm}^2 \div 12 \text{ cm} = 8 \text{ cm}$   
(b)  $24 \text{ cm} \times 96 \text{ cm}^2 = 2 \text{ } 304 \text{ cm}^3$
- (a)  $8 \text{ cm} \times 8 \text{ cm} \times 8 \text{ cm} = 512 \text{ cm}^3$   
(b)  $\text{Isi padu kubus } N$   
 $= 6 \text{ cm} \times 9 \text{ cm} \times 5 \text{ cm}$   
 $= 270 \text{ cm}^3$   
Beza isi padu  $= 512 \text{ cm}^3 - 270 \text{ cm}^3 = 242 \text{ cm}^3$

### Fokus UPSR 16

- (a) Mangga  
(b) Manggis
- (a) Titik  $R$   
(b)  $(4, 5)$   
(c) Titik  $R$  dan  $Q$
- (a) Segi empat tepat  
(b)  $C4$   
(c)

6					○	
5				◡		
4			◻			
3						◻
2	◻					
1						
	A	B	C	D	E	F

- (a) Kasut  
(b) 

A5	✓
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Fokus UPSR 17

- 1 (a) Harga bagi sebuah buku cerita =  $\text{RM}94.50 \div 5$   
 $= \text{RM}18.90$   
 (b) Harga bagi 8 buku cerita =  $8 \times \text{RM}18.90$   
 $= \text{RM}151.20$
- 2 (a) 20 minit  $\rightarrow 180$   
 1 minit  $\rightarrow 180 \div 20 = 9$   
 12 minit  $\rightarrow 12 \times 9 = 108$   
 108 kertas bintang  
 (b) 15 minit  $\rightarrow 105$   
 1 minit  $\rightarrow 105 \div 15 = 7$   
 12 minit  $\rightarrow 12 \times 7 = 84$   
 Syikin dapat melipat 84 kertas bintang dalam masa 12 minit.  
 Kenyataan Syikin benar.
- 3 (a) 4  $\ell \rightarrow 60$  km  
 1  $\ell \rightarrow 60 \div 4 = 15$  km  
 3  $\ell \rightarrow 3 \times 15 = 45$  km  
 Jarak yang dilalui bagi 3  $\ell$  petrol ialah 45 km  
 (b) Jumlah jarak =  $2 \times 7 \times 60$  km  
 $= 14 \times 60$  km  
 $= 840$  km
- 4 (a) 5 kg  $\rightarrow \text{RM}17.50$   
 1 kg  $\rightarrow \text{RM}17.50 \div 5 = \text{RM}3.50$   
 8 kg  $\rightarrow 8 \times \text{RM}3.50 = \text{RM}28$

- (b) 9 kg oren  $\rightarrow 9 \times \text{RM}3.50 = \text{RM}31.50$   
 1 kg anggur  $\rightarrow \text{RM}14.40 \div 3 = \text{RM}4.80$   
 8 kg anggur  $\rightarrow 8 \times \text{RM}4.80 = \text{RM}38.40$   
 Pernyataan ini salah kerana harga 9 kg oren lebih murah daripada harga 8 kg anggur.

Fokus UPSR 18

- 1 (a) Epal  
 (b)  $6 \times 4 = 24$  orang  
 (c) Jumlah murid =  $19 \times 4$   
 $= 76$  orang
- 2 (a) Bilangan sate  
 (b) 35 cucuk  
 (c)  $55 - 30 = 25$  cucuk
- 3 (a)  $38\% - 30\% = 8\%$   
 (b)  $100\% - 38\% - 30\% = 32\%$   
 Peratus murid gemar makan nasi ayam  
 $= 32\% \div 2$   
 $= 16\%$
- 4 (a) April  
 (b) Jumlah jualan buku =  $20 \times 10$   
 $= 200$   
 (c) April = 80; Februari = 20  
 Beza =  $80 - 20 = 60$  buah