

JAWAPAN

Unit 1 Nombor hingga 1 000 000

PRAKTIS KENDIRI

1.1

- A 1 lapan ratus tiga ribu seratus enam
2 seratus sembilan puluh ribu tujuh ratus lapan
3 empat ratus lima puluh satu ribu tujuh puluh dua
4 enam ratus ribu tujuh ratus sembilan
- B 1 113 017
2 800 503
3 920 340
4 491 608
- C 1 puluh ribu; 70 000
2 ribu; 5 000
- D 1 6 ratus ribu + 5 ribu + 4 ratus + 8 puluh + 8 sa
2 7 ratus ribu + 9 ratus + 1 puluh + 4 sa
3 3 ratus ribu + 2 puluh ribu + 5 ratus + 7 puluh + 3 sa
- E 1 800 000 + 20 000 + 4 000 + 70 + 1
2 200 000 + 10 000 + 200 + 90 + 4
3 700 000 + 20 000 + 3 000 + 600 + 40 + 5
- F 200 000; 10 000; 5 000; 800; 30; 6
- G 1 209 874; 694 158; 968 247; 983 203
983 203; 968 247; 694 158; 209 874
2 824 346; 843 246; 843 264; 864 342
864 342; 843 264; 843 246; 824 346

1.2

- A 1 lebih daripada
2 kurang daripada
- B 1 50 000
2 1 000
3 6 000

1.3

- A 1 551 423; 611 471; 491 375; 521 399; 581 447
2 427 366; 376 360; 478 372; 529 378; 580 384
- B 1 4 816, 4 794
2 800 290; 800 294
3 861 419; 861 329
4 740 418; 720 418

1.4

- A 1 594 740; 594 700; 595 000; 590 000; 600 000
2 785 970; 786 000; 786 000; 790 000; 800 000
3 907 220; 907 200; 907 000; 910 000; 900 000
4 387 750; 387 700; 388 000; 390 000; 400 000
- B 1 686 541; 687 259
2 686 541; 686 493; 692 476; 687 259 (pilih 2)
3 686 541; 719 208; 686 493; 692 476; 687 259 (pilih 3)
- C 1 113 458; 113 470; 342 501; 538 453; 539 018; 709 247
2 (a) tolak 6 daripada nombor sebelumnya

$$(b) X = 48 - 6 = 42$$

$$Y = 36 - 6 = 30$$

- D 1 Bilangan setem yang mungkin adalah sebarang nombor di antara 124 500 hingga 125 499.
- E 1 puluh terdekat: 213 900
ratus terdekat: 213 900
Ya, sama.
2 (a) 423 601; 423 587; 423 580
(b) 378 400; 388 400; 418 400
3 Nombor yang diterbalikkan: 237 538
Nombor 3
Nilai tempat: puluh dan puluh ribu
Nilai digit: 30 dan 30 000

PRAKTIS SUMATIF

Soalan Objektif

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

Soalan Subjektif

- 1 600 302
2 sembilan ratus empat ribu tujuh puluh tiga
3 80 000
4 507 421; 514 712; 514 720; 514 721; 517 421
5 3 ratus ribu + 8 puluh ribu + 5 ratus + 2 sa
6 puluh ribu
7 tolak 14 daripada nombor sebelumnya
8 800 000
9 2 500

Unit 2 Tambah

PRAKTIS KENDIRI

2.1

- A 1 3 702 + 401 166 = 404 868
2 502 678 + 31 001 = 533 679
3 364 + 735 421 = 735 785
4 233 048 + 46 500 = 279 548
5 230 487 + 9 111 = 239 598
6 471 195 + 501 003 = 972 198
7 832 402 + 105 124 = 937 526
8 30 030 + 160 115 = 190 145

- B 1 6
2 5
3 6

Bil	Anggaran hasil tambah	Hasil tambah sebenar
1	$\begin{array}{r} 2\ 0\ 0\ 0\ 0\ 0 \\ +\ 3\ 0\ 0\ 0\ 0\ 0 \\ \hline 5\ 0\ 0\ 0\ 0\ 0 \end{array}$	$\begin{array}{r} 1\ 5\ 6\ 9\ 7\ 8 \\ +\ 2\ 9\ 4\ 7\ 6\ 5 \\ \hline 4\ 5\ 1\ 7\ 4\ 3 \end{array}$
2	$\begin{array}{r} 1\ 0\ 0\ 0\ 0\ 0 \\ 1\ 0\ 0\ 0\ 0\ 0 \\ +\ 6\ 0\ 0\ 0\ 0\ 0 \\ \hline 8\ 0\ 0\ 0\ 0\ 0 \end{array}$	$\begin{array}{r} 1\ 3\ 8\ 6\ 9\ 2 \\ 9\ 6\ 0\ 3\ 3 \\ +\ 5\ 7\ 1\ 4\ 8\ 7 \\ \hline 8\ 0\ 6\ 2\ 1\ 2 \end{array}$
3	$\begin{array}{r} 3\ 0\ 0\ 0 \\ 5\ 0\ 0\ 0\ 0 \\ +\ 8\ 0\ 0\ 0\ 0\ 0 \\ \hline 8\ 5\ 3\ 0\ 0\ 0 \end{array}$	$\begin{array}{r} 3\ 2\ 7\ 6 \\ 5\ 0\ 2\ 7\ 4 \\ +\ 8\ 1\ 7\ 6\ 3\ 4 \\ \hline 8\ 7\ 1\ 1\ 8\ 4 \end{array}$

4	2 0 0 0 0 0	2 0 9 4 5 3
	1 0 0 0 0 0	9 8 8 9
	+ 6 0 0 0 0 0	+ 5 7 1 6 4 3
	<u>8 1 0 0 0 0</u>	<u>7 9 0 9 8 5</u>

- D
- $71\,504 + 29\,638 + 5\,894 + 138\,647 = 245\,683$
 - $102\,934 + 175\,468 + 210\,406 + 237\,095 = 725\,903$
 - $72\,416 + 4\,273 + 56\,284 + 312\,760 + 451\,768 = 897\,501$
 - $61\,162 + 4\,913 + 275\,830 + 32\,379 + 507\,758 = 882\,042$
 - $78 + 498 + 3\,764 + 29\,549 + 687\,320 = 721\,209$

E

- | | |
|---|--------------------|
| 1 | 1 9 7 6 |
| | 8 0 2 4 4 |
| | 5 1 6 9 3 7 |
| | + 1 8 4 2 6 8 |
| | <u>7 8 3 4 2 5</u> |

- | | |
|---|--------------------|
| 2 | 6 1 4 5 1 |
| | 8 9 |
| | 2 1 8 1 6 |
| | 7 4 9 8 3 |
| | + 8 0 1 9 8 6 |
| | <u>9 6 0 3 2 5</u> |

- F
- $550\,000 - 97\,195 = 452\,805$
 - $1\,604 - 858 - 93 = 653$
 - $14\,798 - 1\,725 - 273 = 12\,800$

- G
- $Y = 105 - 37 = 68$
 - $Y = 8\,763 - 561 - 7\,131 = 1\,071$
 - $Y = 21\,830 - 5\,214 - 14\,097 = 2\,519$

2.2

- A
- $104\,520 + 352\,145 + 172\,833 = 629\,498$
 - (a) $261\,400 - 157\,364 = 104\,036$
(b) $184\,924 - 157\,364 = 27\,560$
(c) $130\,784 - 104\,036 = 26\,748$

- B
- 2014:
 $273\,450 + 900 = 274\,350$
2015:
 $274\,350 + 1\,000 = 275\,350$
 - Jumlah setem Lisa
 $= 163 + 115 + 340 + 1\,516 = 2\,134$
 - Mac : $13\,470 + 418 = 13\,888$
Februari:
 $13\,470 + 13\,888 = 27\,358$

PRAKTIS SUMATIF

Soalan Objektif

1 C 2 C 3 C 4 A 5 D

Soalan Subjektif

- $40\,586 + 59\,316 = 99\,902$
- $437 + 5\,269 + 84\,164 + 425\,083 = 514\,953$
- $592\,600 - 307\,428 = 285\,172$
- $M = 1\,068 - 215 = 853$
- Mei : $50\,255$
Jun : $50\,255$

Julai : $50\,255 + 1\,122 = 51\,377$
Jumlah = $50\,255 + 50\,255 + 51\,377 = 151\,887$

Unit 3 Tolak

PRAKTIS KENDIRI

3.1

- A
- $543\,305 - 2\,104 = 541\,201$
 - $280\,275 - 70\,142 = 210\,133$
 - $853\,159 - 41\,033 = 812\,126$
 - $975\,532 - 651\,231 = 324\,301$
 - $376\,215 - 303\,103 = 73\,112$
 - $648\,315 - 523\,112 = 125\,203$
 - $425\,638 - 314\,323 = 111\,315$
 - $257\,396 - 253 = 257\,143$

- B
- 5
 - 6
 - 6

C

Bil	Anggaran hasil tolak	Hasil tolak sebenar						
1	<table> <tr><td>2 0 0 0 0 0</td></tr> <tr><td>- 1 0 0 0 0 0</td></tr> <tr><td><u>1 0 0 0 0 0</u></td></tr> </table>	2 0 0 0 0 0	- 1 0 0 0 0 0	<u>1 0 0 0 0 0</u>	<table> <tr><td>2 4 7 5 3 8</td></tr> <tr><td>- 9 6 5 1 8</td></tr> <tr><td><u>1 5 1 0 2 0</u></td></tr> </table>	2 4 7 5 3 8	- 9 6 5 1 8	<u>1 5 1 0 2 0</u>
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- 1 0 0 0 0 0								
<u>1 0 0 0 0 0</u>								
2 4 7 5 3 8								
- 9 6 5 1 8								
<u>1 5 1 0 2 0</u>								
2	<table> <tr><td>9 0 0 0 0 0</td></tr> <tr><td>- 6 0 0 0 0 0</td></tr> <tr><td><u>3 0 0 0 0 0</u></td></tr> </table>	9 0 0 0 0 0	- 6 0 0 0 0 0	<u>3 0 0 0 0 0</u>	<table> <tr><td>9 0 4 2 0 0</td></tr> <tr><td>- 5 8 9 6 3 4</td></tr> <tr><td><u>3 1 4 5 6 6</u></td></tr> </table>	9 0 4 2 0 0	- 5 8 9 6 3 4	<u>3 1 4 5 6 6</u>
9 0 0 0 0 0								
- 6 0 0 0 0 0								
<u>3 0 0 0 0 0</u>								
9 0 4 2 0 0								
- 5 8 9 6 3 4								
<u>3 1 4 5 6 6</u>								
3	<table> <tr><td>8 0 0 0 0 0</td></tr> <tr><td>- 7 0 0 0 0 0</td></tr> <tr><td><u>1 0 0 0 0 0</u></td></tr> </table>	8 0 0 0 0 0	- 7 0 0 0 0 0	<u>1 0 0 0 0 0</u>	<table> <tr><td>7 9 0 0 0 0</td></tr> <tr><td>- 6 8 4 7 2 5</td></tr> <tr><td><u>1 0 5 2 7 5</u></td></tr> </table>	7 9 0 0 0 0	- 6 8 4 7 2 5	<u>1 0 5 2 7 5</u>
8 0 0 0 0 0								
- 7 0 0 0 0 0								
<u>1 0 0 0 0 0</u>								
7 9 0 0 0 0								
- 6 8 4 7 2 5								
<u>1 0 5 2 7 5</u>								
4	<table> <tr><td>2 0 0 0 0 0</td></tr> <tr><td>- 1 0 0 0 0 0</td></tr> <tr><td><u>1 0 0 0 0 0</u></td></tr> </table>	2 0 0 0 0 0	- 1 0 0 0 0 0	<u>1 0 0 0 0 0</u>	<table> <tr><td>1 5 7 6 9 3</td></tr> <tr><td>- 1 2 5 8 6 4</td></tr> <tr><td><u>3 1 8 2 9</u></td></tr> </table>	1 5 7 6 9 3	- 1 2 5 8 6 4	<u>3 1 8 2 9</u>
2 0 0 0 0 0								
- 1 0 0 0 0 0								
<u>1 0 0 0 0 0</u>								
1 5 7 6 9 3								
- 1 2 5 8 6 4								
<u>3 1 8 2 9</u>								
5	<table> <tr><td>3 0 0 0 0 0</td></tr> <tr><td>- 2 0 0 0 0 0</td></tr> <tr><td><u>1 0 0 0 0 0</u></td></tr> </table>	3 0 0 0 0 0	- 2 0 0 0 0 0	<u>1 0 0 0 0 0</u>	<table> <tr><td>3 0 1 0 3 0</td></tr> <tr><td>- 1 6 5 3 7 2</td></tr> <tr><td><u>1 3 5 6 5 8</u></td></tr> </table>	3 0 1 0 3 0	- 1 6 5 3 7 2	<u>1 3 5 6 5 8</u>
3 0 0 0 0 0								
- 2 0 0 0 0 0								
<u>1 0 0 0 0 0</u>								
3 0 1 0 3 0								
- 1 6 5 3 7 2								
<u>1 3 5 6 5 8</u>								

- D
- $3\,047 - 697 = 2\,350$
 - $58 + 173 = 231$
 - $708\,218 - 63\,483 = 644\,735$

- E
- $K = 1\,072 - 408 = 664$
 - $K = 82\,051 + 70\,195 = 152\,246$
 - $K = 330\,952 + 16\,941 = 347\,893$

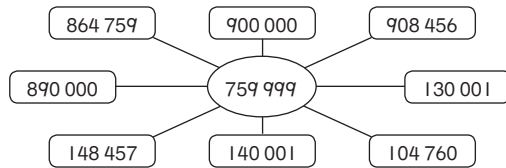
3.2

- A
- $651\,753 - 127\,586 = 524\,167$
 $524\,167 - 50\,264 = 473\,903$
 - $341\,549 - 150\,284 = 191\,265$
 $191\,265 - 4\,763 = 186\,502$
 - $575\,360 - 94\,286 = 481\,074$
 $481\,074 - 105\,874 = 375\,200$
 - $900\,000 - 515\,320 = 384\,680$
 $384\,680 - 279\,816 = 104\,864$
 - $368\,500 - 173\,247 = 195\,253$
 $195\,253 - 165\,345 = 29\,908$
 - $596\,123 - 95\,417 = 500\,706$
 $500\,706 - 101\,443 = 399\,263$

3.3

A 1 $102\,960 - 4\,957 = 98\,003$

B 1



Sebarang jawapan yang munasabah untuk pasangan nombor yang lain.

- C 1 Zatie : $1\,800 - 710 = 1\,090$
 Bilangan guli Azli
 $= 3\,450 - 1\,800 - 1\,090$
 $= 560$
- 2 Buku di rak buku R
 $= 12\,400 - 2\,728 - 5\,684$
 $= 3\,988$
- 3 Jumlah surat khabar yang diedarkan
 $= 573\,800 \div 2$
 $= 286\,900$
 Baki surat khabar yang belum diedarkan
 $= 573\,800 - 286\,900 - 1\,620$
 $= 285\,280$

PRAKTIS SUMATIF

Soalan Objektif

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

Soalan Subjektif

- 1 $305\,564 - 46\,978 = 258\,586$
 2 $962\,580 - 3\,728 = 958\,852$
 $958\,852 - 691\,652 = 267\,200$
 3 $M = 6\,750 - 116 = 6\,634$
 4 $500\,000 - 12\,478 = 487\,522$
 $487\,522 - 3\,984 = 483\,538$
 5 $Y = 107\,560$
 $X = 107\,560 - 358 = 107\,202$
 $Z = 107\,560 - 97 = 107\,463$
 $Z - X = 107\,463 - 107\,202 = 261$

Unit 4 Darab

PRAKTIS KENDIRI

4.1

- A 1 $130\,413 \times 2 = 260\,826$
 2 $332\,001 \times 3 = 996\,003$
 3 $204\,212 \times 4 = 816\,848$

Bil	Anggaran hasil darab	Hasil darab sebenar
1	$\begin{array}{r} 7\,0\,0\,0\,0 \\ \times \quad 1\,0 \\ \hline 7\,0\,0\,0\,0\,0 \end{array}$	$\begin{array}{r} 6\,7\,5\,8\,4 \\ \times \quad 9 \\ \hline 6\,0\,8\,2\,5\,6 \end{array}$
2	$\begin{array}{r} 2\,0\,0\,0\,0 \\ \times \quad 3\,0 \\ \hline 6\,0\,0\,0\,0\,0 \end{array}$	$\begin{array}{r} 1\,9\,7\,5\,4 \\ \times \quad 3\,1 \\ \hline 6\,1\,2\,3\,7\,4 \end{array}$

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

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

2
$$\begin{array}{r} 2\,6\,1\,7 \\ \times \quad 8\,8 \\ \hline 2\,0\,9\,3\,6 \\ 2\,0\,9\,3\,6 \\ \hline 2\,3\,0\,2\,9\,6 \end{array}$$

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

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

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

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

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

- D 1 160 000
 2 314 400
 3 659 700
 4 1 000 000

4.2

- A 1 $47\,560 \times 7 = 332\,920$
 2 $144 \times 100 = 14\,400$
- B 1 $4 \times 12\,580 = 50\,320$; $12 \times 50\,320 = 603\,840$
- C 1 4 minggu = 28 hari
 Jumlah telur itik yang dikumpul
 $= 28 \times 3\,200$
 $= 89\,600$
 2 Jumlah manik pada 50 helai baju
 $= 50 \times 600$
 $= 30\,000$
 3 Jumlah risalah yang diedarkan
 $= 1\,500 \times 80$
 $= 120\,000$

4.3

- A 1 Beberapa kotak pensel
 2 Bilangan baris
 3 Beberapa bakul durian
 4 Beberapa biji kek
 5 Sejumlah gula-gula di dalam setiap pekot
- B 1 $X \times 7 = \text{RM}21$
 2 $X \times 9 = 2\,520\text{ ml}$
 3 $X \times 4\text{ jam} = 12\text{ jam}$
- C 1 $P = 500 \div 100 = 5$
 2 $P = 294 \div 14 = 21$
 3 $P = 81\,000 \div 90 = 900$
 4 $P = 1\,674 \div 27 = 62$
 5 $P = 44 \div 4 = 11$

PRAKTIS SUMATIF**Soalan Objektif**

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

Soalan Subjektif

- 1 $87\,364 \times 7 = 611\,548$
- 2 $31\,496 \times 23 = 724\,408$
- 3 $Q = 96 \div 16 = 6$
- 4 $X \times 484 = 19\,360$
- 5 $16 \times 31\,640 = 506\,240$

Unit 5 Bahagi**PRAKTIS KENDIRI****5.1**

A	Bil	Anggaran hasil bahagi	Hasil bahagi sebenar
	1	$100\,000 \div 8 = 12\,500$	$100\,592 \div 8 = 12\,574$
	2	$700\,000 \div 7 = 100\,000$	$732\,417 \div 7 = 104\,631$
	3	$900\,000 \div 3 = 300\,000$	$902\,523 \div 3 = 300\,841$

- B
1 6
2 5
3 4

- C
1 $543\,476 \div 4 = 135\,869$
2 $806\,480 \div 8 = 100\,810$
3 $492\,107 \div 7 = 70\,301$

- D
1 $480\,152 \div 7 = 68\,593$ baki 1
2 $179\,044 \div 18 = 9\,946$ baki 16
3 $152\,700 \div 50 = 3\,054$
4 $813\,404 \div 100 = 8\,134$ baki 4
5 $826\,000 \div 1\,000 = 826$

5.2

- A
1 $451\,640 \div 7 = 64\,520$
2 $299\,520 \div 96 = 3\,120$
3 $17\,612 \div 14 = 1\,258$

- B
1 Jumlah peserta
= $14\,960 \div 80$
= 187
2 $6\,015 \div 40 = 150$ baki 15
15 keping pelekat disimpan.
3 $16\,000 \div 20 = 800$

5.3

- A
1 Adik-beradik Kamal
2 Beberapa buah kotak
3 Beberapa hari

- B
1 $2\,280 \div Y = 144$
2 $X \div 12 = 20$

- C
1 $Y = 1\,000 \times 28 = 28\,000$
2 $Y = 7 \times 9 = 63$
3 $Y = 450 \times 100 = 45\,000$
4 $Y = 80 \times 8 = 640$
5 $Y = 36 \times 3 = 108$
6 $Y = 2\,500 \div 100 = 25$
7 $Y = 1\,680 \div 21 = 80$
8 $Y = 1\,024 \div 16 = 64$
9 $Y = 2\,100 \div 30 = 70$
10 $Y = 1\,485 \div 45 = 33$
11 $Y = 375 \div 15 = 25$

PRAKTIS SUMATIF**Soalan Objektif**

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

Soalan Subjektif

- 1 $583\,264 \div 4 = 145\,816$
- 2 $M = 9 \times 18 = 162$
- 3 $654\,283 \div 34 = 19\,243$ baki 21
- 4 $256\,592 \div 28 = 9\,164$

Unit 6 Operasi Bergabung**PRAKTIS KENDIRI****6.1**

- A
1 Darabkan 7 dan 3. Kemudian tambahkan 25 kepada hasil darab itu.
2 Darabkan 1 dan 14. Kemudian hasil darab itu ditolak daripada 57.

- B
1 $492 \times 67 - 22\,009$
= $32\,964 - 22\,009$
= 10 955
2 $158 \times 92 + 707$
= $14\,536 + 707$
= 15 243
3 $8\,793 + 9 \times 561$
= $8\,793 + 5\,049$
= 13 842

- C
1 Bahagikan 14 167 dengan 31. Kemudian tolakkan 57 daripada hasil bahagi itu.
2 Bahagikan 1 632 dengan 32. Kemudian tambahkan 83 kepada hasil bahagi itu.

- D
1 $400 \div 50 + 29$
= $8 + 29$
= 37
2 $2\,705 - 1\,545 \div 15$
= $2\,705 - 103$
= 2 602
3 $1\,001 - 978 \div 6$
= $1\,001 - 163$
= 838
4 $56\,430 \div 54 + 12$
= $1\,045 + 12$
= 1 057
5 $27\,480 \div 24 - 1\,097$
= $1\,145 - 1\,097$
= 48
6 $22\,523 + 96 \div 8$
= $22\,523 + 12$
= 22 535

- E
1 $3\,516 - 124 \times 12 = 3\,516 - 1\,488 = 2\,028$
2 $5\,040 \div 12 - 198 = 420 - 198 = 222$
3 $9\,280 - 5\,742 \div 18 = 9\,280 - 319 = 8\,961$
4 $124 + 612 \div 3 = 124 + 204 = 328$
5 $63 \times 11 + 1\,500 = 693 + 1\,500 = 2\,193$

6.2

- A
1 $25 \times 35 - 368 = 875 - 368 = 507$
2 $158 \times 16 + 3\,440 = 2\,528 + 3\,440 = 5\,968$
3 $40 \times 50 - 18 \times 50 = 2\,000 - 900 = 1\,100$

6.3

- A
1 $29 \times (716 - 563) = 29 \times 153 = 4\,437$
2 $2\,560 \div (313 - 273) = 2\,560 \div 40 = 64$
3 $(100\,000 - 524) \div 13 = 99\,476 \div 13 = 7\,652$
4 $(37 + 169) \times (27 + 11) = 206 \times 38 = 7\,828$
5 $(328 - 223) \div (62 - 55) = 105 \div 7 = 15$

- B**
- 1 Bilangan gula-gula perisa mangga
 $= 2\,400 - (2\,400 \div 20) - 300$
 $= 900$
 - 2 $12\,000 \div 30 - 18$
 $= 400 - 18$
 $= 382$
 - 3 Jumlah $= 792 + 144 \times 12$
 $= 792 + 1\,728 = 2\,520$
 $2\,520 \div 6 = 420$; $2\,520 \div 7 = 360$; $2\,520 \div 8 = 315$;
 $2\,520 \div 9 = 280$
 Setiap bungkusannya boleh jadi 6, 7, 8 atau 9 helai.

PRAKTIS SUMATIF

Soalan Objektif

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

Soalan Subjektif

- 1 $53 + 47 \times 9 = 53 + 423 = 476$
- 2 $18 - 105 \div 7 = 18 - 15 = 3$
- 3 $518 \times 6 - 2\,120 = 3\,108 - 2\,120 = 988$
- 4 $(285 - 61) \div 56 = 224 \div 56 = 4$
- 5 $(678 + 726) \div 9 = 1\,404 \div 9 = 156$

Unit 7 Pecahan

PRAKTIS KENDIRI

7.1

- A**
- 1 Langkah 1:
 Tukarkan pecahan kepada pecahan setara dengan penyebut yang sama.
 Langkah 2:
 Tambahkan nombor bulat dengan nombor bulat dan pecahan dengan pecahan.
 Langkah 3:
 Permudahkan jawapan dalam bentuk termudah.
- B**
- 1 $5\frac{3}{5} + \frac{1}{5} = 5\frac{4}{5}$
 - 2 $4\frac{5}{9} + 3\frac{1}{3} = 7 + \frac{5}{9} + \frac{3}{9}$
 $= 7\frac{8}{9}$
- C**
- 1 $2\frac{3}{7} + 1\frac{1}{2} + 1 = 4 + \frac{3}{7} + \frac{1}{2}$
 $= 4 + \frac{6+7}{14}$
 $= 4\frac{13}{14}$
 - 2 $5 + \frac{1}{3} + 4\frac{5}{9} = 9 + \frac{3}{9} + \frac{5}{9}$
 $= 9\frac{8}{9}$
 - 3 $5\frac{1}{2} + 1\frac{3}{8} + 2\frac{1}{4} = 8 + \frac{4}{8} + \frac{3}{8} + \frac{2}{8}$
 $= 8\frac{9}{8}$
 $= 8 + 1 + \frac{1}{8}$
 $= 9\frac{1}{8}$
 - 4 $1\frac{5}{9} + \frac{5}{6} + 3\frac{1}{3} = 4 + \frac{10}{18} + \frac{15}{18} + \frac{16}{18}$
 $= 4 + \frac{31}{18}$
 $= 4 + 1 + \frac{31}{18}$
 $= 5\frac{13}{18}$

- 5 $16 + 1\frac{3}{4} + \frac{4}{5} = 17 + \frac{15}{20} + \frac{16}{20}$
 $= 17 + \frac{31}{20}$
 $= 17 + 1 + \frac{11}{20}$
 $= 18\frac{11}{20}$
- 6 $3\frac{1}{2} + 2\frac{1}{4} + 1\frac{7}{10} = 6 + \frac{10}{20} + \frac{5}{20} + \frac{14}{20}$
 $= 6 + \frac{29}{20}$
 $= 6 + 1 + \frac{9}{20}$
 $= 7\frac{9}{20}$

7.2

- A**
- 1 Langkah 1:
 Tukarkan pecahan kepada pecahan setara dengan penyebut yang sama.
 Langkah 2:
 Tolak nombor bulat dengan nombor bulat dan pecahan dengan pecahan secara berasingan.
 Langkah 3:
 Berikan jawapan dalam bentuk termudah.
- B**
- 1 $5\frac{7}{8} - 2\frac{3}{8} = 3\frac{4}{8}$
 $= 3\frac{1}{2}$
 - 2 $7\frac{3}{4} - 1\frac{1}{6} = 6 + (\frac{9}{12} - \frac{2}{12})$
 $= 6\frac{7}{12}$
 - 3 $5\frac{1}{3} - 2\frac{3}{7} = 3 + (\frac{7}{21} - \frac{9}{21})$
 $= 2 + (\frac{28}{21} - \frac{9}{21})$
 $= 2\frac{19}{21}$
- C**
- 1 $6 - 1\frac{3}{4} - \frac{1}{2} = 5\frac{4}{4} - 1\frac{3}{4} - \frac{1}{2}$
 $= 4\frac{1}{4} - \frac{1}{2}$
 $= 3\frac{5}{4} - \frac{2}{4} = 3\frac{3}{4}$
 - 2 $7\frac{5}{8} - 1\frac{1}{2} - 2\frac{3}{4} = 4 + (\frac{5}{8} - \frac{4}{8} - \frac{6}{8})$
 $= 3 + \frac{13}{8} - \frac{4}{8} - \frac{6}{8}$
 $= 3\frac{3}{8}$
 - 3 $8\frac{2}{9} - \frac{1}{6} - 3\frac{1}{3} = 8 + \frac{4}{18} - \frac{3}{18} - 3\frac{6}{18}$
 $= 8\frac{1}{18} - 3\frac{6}{18}$
 $= 4\frac{13}{18}$
 - 4 $9\frac{3}{8} - 2\frac{2}{3} - 1\frac{1}{6} = 7 + \frac{9}{24} - \frac{16}{24} - 1\frac{4}{24}$
 $= 6 + (\frac{9}{24} - \frac{16}{24} - \frac{4}{24})$
 $= 5 + (\frac{33}{24} - \frac{16}{24} - \frac{4}{24})$
 $= 5\frac{13}{24}$

$$\begin{aligned}
 5 \quad 11\frac{1}{2} - 2\frac{1}{4} - \frac{3}{5} &= 9 + \left(\frac{10}{20} - \frac{5}{20} - \frac{12}{20}\right) \\
 &= 9 + \left(\frac{5}{20} - \frac{12}{20}\right) \\
 &= 8 + \left(\frac{25}{20} - \frac{12}{20}\right) \\
 &= 8\frac{13}{20}
 \end{aligned}$$

7.3

- A** 1 Langkah 1:
Tukarkan pecahan kepada pecahan setara dengan penyebut yang sama.
Langkah 2:
Tambah atau tolak nombor bulat dan pecahan. Kumpul semula jika perlu.
Langkah 3:
Berikan jawapan dalam bentuk termudah.

B 1 $10 - 2\frac{3}{4} + 1\frac{1}{2} = 9\frac{4}{4} - 2\frac{3}{4} + 1\frac{1}{2}$
 $= 7\frac{1}{4} + 1\frac{2}{4}$
 $= 8\frac{3}{4}$

2 $4\frac{7}{8} + 2\frac{3}{8} - 1\frac{3}{4} = 6\frac{10}{8} - 1\frac{6}{8}$
 $= 5\frac{4}{8}$
 $= 5\frac{1}{2}$

3 $6\frac{3}{4} - 2\frac{1}{3} + 1\frac{1}{6} = 6\frac{9}{12} - 2\frac{4}{12} + 1\frac{2}{12}$
 $= 4\frac{5}{12} - 2\frac{4}{12} + 1\frac{2}{12}$
 $= 4\frac{5}{12} + 1\frac{2}{12}$
 $= 5\frac{7}{12}$

4 $4\frac{2}{5} + 1\frac{1}{4} - 3\frac{1}{2} = 4\frac{8}{20} + 1\frac{5}{20} - 3\frac{10}{20}$
 $= 5\frac{13}{20} - 3\frac{10}{20}$
 $= 2\frac{3}{20}$

5 $6\frac{2}{3} - 4\frac{8}{9} + 3\frac{1}{2} = 6\frac{12}{18} - 4\frac{16}{18} + 3\frac{9}{18}$
 $= 5\frac{30}{18} - 4\frac{16}{18} + 3\frac{9}{18}$
 $= 1\frac{14}{18} + 3\frac{9}{18}$
 $= 4\frac{23}{18} = 5\frac{5}{18}$

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

7.4

A 1 $\frac{1}{2} \times 120$
 2 $1\frac{1}{4} \times 8\,000$

B 1 $\frac{7}{8} \times 136 = \frac{7 \times 136}{8}$
 $= 119$
 2 $\frac{2}{5} \times 400 = \frac{2 \times 400}{5}$
 $= 160$
 3 $1\frac{5}{8} \times 56 = 1 \times 56 + \frac{5}{8} \times 56$
 $= 56 + 35$
 $= 91$
 4 $4\frac{1}{9} \times 18 = 4 \times 18 + \frac{1}{9} \times 18$
 $= 72 + 2$
 $= 74$
 5 $2\frac{3}{4} \times 32 = 2 \times 32 + \frac{3}{4} \times 32$
 $= 64 + 24$
 $= 88$

C 1 $1\frac{1}{2} + \frac{3}{4} + 1\frac{2}{3} = 2 + \frac{1}{2} + \frac{3}{4} + \frac{2}{3}$
 $= 2 + \frac{6}{12} + \frac{9}{12} + \frac{8}{12}$
 $= 2 + \frac{23}{12}$
 $= 2 + \frac{12}{12} + \frac{11}{12}$
 $= 3\frac{11}{12}$ kg
 2 $3 + 1\frac{1}{4} - 2\frac{3}{8} = 4\frac{1}{4} - 2\frac{3}{8}$
 $= 2 + \left(\frac{2}{8} - \frac{3}{8}\right)$
 $= 1 + \frac{10}{8} - \frac{3}{8}$
 $= 1\frac{7}{8}$ m
 3 $2\frac{3}{4} - 1\frac{1}{2} - \frac{1}{5} = 1 + \left(\frac{15}{20} - \frac{10}{20} - \frac{4}{20}\right)$
 $= 1 + \frac{1}{20}$
 $= 1\frac{1}{20}$ kg
 4 $2\frac{3}{4} - 1\frac{1}{2} - \frac{3}{4} = 1 + \left(\frac{3}{4} - \frac{2}{4} - \frac{3}{4}\right)$
 $= \frac{7}{4} - \frac{2}{4} - \frac{3}{4}$
 $= \frac{2}{4} = \frac{1}{2}$ kg

D 1 $\frac{5}{9}$
 2 Radzi: $\frac{1}{4} \times 96 = 24$ Gopal: $\frac{1}{3} \times 72 = 24$
 3 Jisim seguni tepung
 $= 7$ kg + 2 kg + 5 kg
 $= 14 + \frac{1}{5} + \frac{3}{5}$
 $= 14\frac{4}{5}$

PRAKTIS SUMATIF

Soalan Objektif

- 1 C 2 A 3 B 4 C 5 A

Soalan Subjektif

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

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

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

$$2 \quad 1\frac{1}{2} + 2\frac{2}{3} + 3\frac{1}{6} = 1 + 2 + 3 + \frac{3}{6} + \frac{4}{6} + \frac{1}{6}$$

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

$$= 6 + \frac{6}{6} + \frac{2}{6}$$

$$= 7\frac{2}{6}$$

$$= 7\frac{1}{3}$$

$$3 \quad 8\frac{3}{4} - 2\frac{1}{8} - 3\frac{1}{2} = 8\frac{6}{8} - 2\frac{1}{8} - 3\frac{4}{8}$$

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

$$= 3\frac{1}{8}$$

$$4 \quad 12 - 7\frac{4}{9} + 1\frac{2}{3} = 11\frac{9}{9} - 7\frac{4}{9} + 1\frac{2}{3}$$

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

$$= 5 + \frac{5}{9} + \frac{6}{9}$$

$$= 5 + \frac{11}{9}$$

$$= 5 + \frac{9}{9} + \frac{2}{9}$$

$$= 6\frac{2}{9}$$

$$5 \quad 1\frac{2}{7} \times 49 = 1 \times 49 + \frac{2}{7} \times 49$$

$$= 49 + 14$$

$$= 63$$

Unit 8 Perpuhan

PRAKTIS KENDIRI

8.1

- A**
- 1 $3.12 + 0.105 + 4.2 = 7.425$
 - 2 $5.3 + 1.107 + 0.251 = 6.658$
- B**
- 1 $32.5 + 1.025 + 10.2 = 43.725$
 - 2 $67.021 + 5.02 + 13.08 = 85.121$
 - 3 $16.45 + 8.027 + 103.1 = 127.577$
 - 4 $4.7 + 351.08 + 28.053 = 383.833$

8.2

- A**
- 1 $7.387 - 2.02 - 1.235 = 4.132$
 - 2 $53.539 - 21.117 - 0.201 = 32.221$
- B**
- 1 $57.3 - 21.037 - 8.12 = 28.143$
 - 2 $521 - 32.7 - 172.32 = 315.98$
 - 3 $328 - 83.71 - 5.253 = 239.037$
 - 4 $15.83 - 7.05 - 1.108 = 7.672$

8.3

- A**
- 1 $90 - 31.584 + 21.649 = 80.065$

- 2 $507.43 + 101.68 - 454.176 = 154.934$
- 3 $46.25 - 9.176 + 5.19 = 37.074 + 5.19$
 $= 42.264$

- B**
- 1 $317.162 + 85.289 - 90.108 = 402.451 - 90.108$
 $= 312.343$
 - 2 $206.52 + 19.635 - 140.231 = 85.924$
 - 3 $320 - 223.15 + 92.542 = 189.392$
 - 4 $646.14 - 75.409 + 3.278 = 570.731 + 3.278$
 $= 574.009$

8.4

- A**
- 1 12.942 2 40.246 3 95.48
- B**
- 1
$$\begin{array}{r} 4.097 \\ \times \quad 8 \\ \hline 32.776 \end{array}$$
 - 3
$$\begin{array}{r} 31.814 \\ \times \quad 27 \\ \hline 222698 \\ 63628 \\ \hline 858.978 \end{array}$$
 - 2
$$\begin{array}{r} 154.927 \\ \times \quad 9 \\ \hline 1394.343 \end{array}$$
 - 4
$$\begin{array}{r} 18.273 \\ \times \quad 54 \\ \hline 73092 \\ 91365 \\ \hline 986.742 \end{array}$$

8.5

- A**
- 1 $90.306 \div 3 = 30.102$
 - 2 $48.084 \div 4 = 12.021$
 - 3 $284.644 \div 2 = 142.322$
- B**
- 1
$$\begin{array}{r} 1.085 \\ 7 \overline{) 7.595} \\ \underline{7} \\ 0 \\ \underline{59} \\ 56 \\ \underline{35} \\ 35 \end{array}$$
 - 2 $235.144 \div 19 = 12.376$
 - 3 $639.649 \div 67 = 9.547$
- C**
- 1 $564.3 \div 100 = 5.643$
 - 2 $4764 \div 1000 = 4.764$
 - 3 $25748 \div 100 = 257.48$
 - 4 $731504 \div 1000 = 731.504$

8.6

- A**
- 1 $4.5 + 2.25 - 1.125 = 5.625 \text{ kg}$
 - 2 $18 \times 0.375 \ell = 6.75 \ell$
 - 3 Jisim sebiji oren = $8.1 \text{ kg} \div 90$
 $= 0.09 \text{ kg}$
- B**
- 1 Jisim betik
 $= 3.425 \text{ kg} - 1.85 \text{ kg}$
 $= 1.575$
Jisim 5 biji epal
 $= 5 \times 80 \text{ g}$
 $= 400 \text{ g}$
Jumlah jisim buah-buahan
 $= 3.425 \text{ kg} + 1.575 \text{ kg} + 400 \text{ g}$
 $= 3.425 \text{ kg} + 1.575 \text{ kg} + 0.4 \text{ kg}$
 $= 5.4 \text{ kg}$
 - 2 Adlin : $0.55 \ell - 0.175 \ell = 0.375 \ell$
Isi padu sebotol susu segar
 $= 0.73 \ell + 0.55 \ell + 0.375 \ell$
 $= 1.655 \ell$

- 3 (a) 79.522
 (b) 22.269
 (c), (d), (e) Sebarang jawapan yang munasabah

PRAKTIS SUMATIF

Soalan Objektif

- 1 A 2 B 3 C 4 B 5 C

Soalan Subjektif

- 1 $0.125 + 3.5 + 5.305 = 8.93$
 2 $98 - 9.8 - 0.098 = 88.102$
 3 $41.3 - 6.312 + 0.946 = 34.988 + 0.946$
 $= 35.934$
 4 $91.276 \times 9 = 821.484$
 5 $4.5 \text{ kg} \div 60 = 0.075 \text{ kg}$

Unit 9 Peratus

PRAKTIS KENDIRI

9.1

A $\frac{20}{100}; \frac{1}{5}$

B 1 Pecahan kepada peratus

$\frac{7}{50}$	as	$\frac{23}{25}$	as	$\frac{1}{5}$
RF		RF		RF
$\frac{7 \times 2}{50 \times 2}$		$\frac{23 \times 4}{25 \times 4}$		$\frac{1 \times 20}{5 \times 20}$
$= \frac{14}{100}$		$= \frac{92}{100}$		$= \frac{20}{100}$
$= 14\%$		$= 92\%$		$= 20\%$

2 Peratus kepada nombor bercampur

$\frac{125}{100}$	as	$\frac{340}{100}$	as	$\frac{465}{100}$
RF		RF		RF
$= 1\frac{1}{4}$		$= 3\frac{2}{5}$		$= 4\frac{13}{20}$
$= 125\%$		$= 340\%$		$= 465\%$

E 1 $\frac{\text{RM}50}{\text{RM}1\,000} \times 100\% = 5\%$

2 $\frac{25 \text{ ml}}{500 \text{ ml}} \times 100\% = 5\%$

F 1 $12\% \times 350 \text{ jam} = \frac{12}{100} \times 350 \text{ jam}$
 $= 42 \text{ jam}$

2 $50\% \times 60 = \frac{50}{100} \times 60$
 $= 30 \text{ orang murid}$

3 $120\% \times 90 = \frac{120}{100} \times 90$
 $= 108$

4 $150\% \times 80 \text{ km} = \frac{150}{100} \times 80 \text{ km}$
 $= 120 \text{ km}$

5 $140\% \times 45 \text{ kg} = \frac{140}{100} \times 45 \text{ kg}$
 $= 63 \text{ kg}$

9.2

A 1 $\frac{40 - 32}{40} \times 100\% = \frac{8}{40} \times 100\%$
 $= \frac{8 \times 100}{40}$
 $= 20\%$

2 $64\% \times 150 = \frac{64}{100} \times 150$
 $= \frac{64 \times 150}{100}$
 $= 96$

3 Peratus gula $= \frac{4}{5} \times 100\%$
 $= 80\%$

B 1 Peratus bahagian yang diwarnakan $= \frac{15}{50} \times 100\%$
 $= 30\%$

2 Baki rambutan di dalam bakul P $= \frac{70}{100} \times 800$
 $= 560$

Baki rambutan di dalam bakul Q $= \frac{60}{100} \times 1\,200$
 $= 720$

Jumlah rambutan yang diambil Samad $= 560 + 720$
 $= 1\,280$

3 Peratus ciku
 $= 100\% - 50\% - 25\%$
 $= 25\%$

PRAKTIS SUMATIF

Soalan Objektif

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

Soalan Subjektif

1 $\frac{17}{50} \times 100\% = \frac{17 \times 100}{50}$
 $= \frac{1\,700}{50}$
 $= 34\%$

2 $325\% = \frac{325}{100}$
 $= \frac{325 \div 25}{100 \div 25}$
 $= \frac{13}{4}$
 $= 3\frac{1}{4}$

3 $64\% = \frac{64}{100}$
 $= \frac{64 \div 4}{100 \div 4}$
 $= \frac{16}{25}$

4 $40\% \times 3\,375 \text{ km} = \frac{40 \times 3\,375}{100}$
 $= 1\,350 \text{ km}$

5 Tinggi adik Ratna $= \frac{84}{100} \times 150 \text{ cm}$
 $= 126 \text{ cm}$

Unit 10 Wang

PRAKTIS KENDIRI

10.1

- | | |
|----------------|-----------------|
| A 1 RM51 194 | 7 RM723 830.90 |
| 2 RM72 565 | 8 RM807 300.10 |
| 3 RM399 855 | 9 RM252 050.70 |
| 4 RM342 393 | 10 RM511 591.70 |
| 5 RM525 615.55 | 11 RM421 885.30 |
| 6 RM328 794.10 | |

10.2

A 1 RM34 320
 2 RM366 704.85
 3 RM896 571.70

B 1 RM9 00 00
 - RM 4 7 5 6
 RM8 5 2 4 4
 - RM 9 0 1
 RM8 4 3 4 3

2 RM6 0 7 0 8 0
 - RM 9 1 7 5
 RM5 9 7 9 0 5
 - RM 8 2 1
 RM5 9 7 0 8 4

3 RM8 7 5 4 0 0 0.0 0
 - RM 3 5 4.7 5
 RM8 7 5 0 4 5.2 5
 - RM 6 2 4 7.6 0
 RM8 6 8 7 9 7.6 5

4 RM4 5 2 5 0 0 0.0 0
 - RM 2 7 5 6.2 0
 RM4 4 9 7 4 3.8 0
 - RM 9 5 2.1 0
 RM4 4 8 7 9 1.7 0

5 RM3 1 7 6 2 3.2 5
 - RM 9 1 6.8 0
 RM3 1 6 7 0 6.4 5
 - RM 7 4.8 0
 RM3 1 6 6 3 1.6 5

6 RM5 1 6 2 3 4.0 0
 - RM 1 8 9 5 6.4 0
 RM4 9 7 2 7 7.6 0
 - RM 3 4 7 0.0 0
 RM4 9 3 8 0 7.6 0

10.3

A 1 RM5 2 0 4 2
 - RM 4 9 3 4
 RM4 7 1 0 8
 + RM 1 1 3 2 2
 RM5 8 4 3 0

2 RM3 9 1 5 0 0 0.0 0
 + RM 5 4.7 0
 RM3 9 1 5 5 4.7 0
 - RM 3 7 6 3.8 5
 RM3 8 7 7 9 0.8 5

3 RM9 0 0 0 0 0 0.0 0
 - RM 4 7 6 4.2 0
 RM8 9 5 2 3 5.8 0
 + RM 9 5 0.0 0
 RM8 9 6 1 8 5.8 0

4 RM8 6 1 6 1.0 0
 - RM 6 4 7.2 5
 RM8 5 5 1 3.7 5
 + RM 3 1 6.2 0
 RM8 5 8 2 9.9 5

5 RM9 6 2 3 1 5.0 0
 - RM4 1 5 2 3 0.1 0
 RM5 4 7 0 8 4.9 0
 + RM 1 0 1 1 2.5 0
 RM5 5 7 1 9 7.4 0

6 RM 3 5 6 4 1.8 0
 + RM 7 2 8 1 9.0 0
 RM 1 0 8 4 6 0.8 0
 - RM 5 1 5.0 0
 RM 1 0 7 9 4 5.8 0

7 RM4 5 6 1 3 0.0 0
 - RM 9 7 4 3.0 0
 RM4 4 6 3 8 7.0 0
 + RM 1 6 5 8 4.2 0
 RM4 6 2 9 7 1.2 0

10.4

A 1 RM 3 5 6 4 0
 × 7
 RM2 4 9 4 8 0

2 RM 6 5 1 7 2
 × 9
 RM5 8 6 5 4 8

3 RM 3 0 1 7 2.4 0
 × 5
 RM 1 5 0 8 6 2.0 0

4 RM 4 6 2 8
 × 7 2
 9 2 5 6
 3 2 3 9 6
 RM3 3 3 2 1 6

5 RM 8 5 4 7.8 0
 × 3 6
 5 1 2 8 6 8 0
 2 5 6 4 3 4 0
 RM3 0 7 7 2 0.8 0

6 $100 \times \text{RM}516.35 = \text{RM}51\ 635$

7 $1\ 000 \times \text{RM}402.55 = \text{RM}402\ 550$

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

10.5

- A
- 1 RM470 000 ÷ 5 = RM94 000
 - 2 RM64 214.20 ÷ 4 = RM16 053.55
 - 3 RM100 720.80 ÷ 3 = RM33 573.60
 - 4 RM134 603 ÷ 25 = RM5 384.12
 - 5 RM61 608.85 ÷ 17 = RM3 624.05
 - 6 RM556 168 ÷ 76 = RM7 318
 - 7 RM486 245 ÷ 100 = RM4 862.45
 - 8 RM964 750 ÷ 1 000 = RM964.75
 - 9 RM45 756 ÷ 8 = RM5 719.50

10.6

- A
- 1 RM85 794.90 × 10 ÷ 12 = RM857 949 ÷ 12 = RM71 495.75
 - 2 20 × RM5 055.80 ÷ 34 = RM101 116 ÷ 34 = RM2 974
 - 3 RM56 966 ÷ 7 × 41 = RM8 138 × 41 = RM333 658
 - 4 36 × RM517.80 ÷ 54 = RM18 640.80 ÷ 54 = RM345.20
 - 5 RM73 854 ÷ 72 × 26 = RM1 025.75 × 26 = RM26 669.50

10.7

- A
- 1 RM756 000 – RM75 600 – RM13 745 = RM680 400 – RM13 745 = RM666 655
 - 2 RM1 954.58 + RM29 750 – RM4 575 = RM31 704.58 – RM4 575 = RM27 129.58
 - 3 RM475.60 + RM2 773 + RM1 985 = RM5 233.60

B
Syarikat Sri Jaya,
10, Jalan Gong,
57600 Puchong,
Kuala Lumpur.

No. invois: 215

Kepada
Encik Zaki
Petaling Jaya

Bil	Item	Kuantiti	Harga seunit	Harga
1	Batu bata	1 000	RM0.45	RM450
2	Simen	24	RM18	RM432
3	Cat	75	RM79.90	RM5 992.50
4	Paku	$\frac{1}{2}$ kg	RM11.50	RM5.75
			Jumlah	RM6 880.25

10.8

A

Faedah pada tahun ke-2	$\text{RM}100\ 000 \times \frac{5}{100}$ = RM5 000	$(\text{RM}100\ 000 + \text{RM}5\ 000) \times \frac{5}{100}$ = RM5 250
Faedah pada tahun ke-3	$\text{RM}100\ 000 \times \frac{5}{100}$ = RM5 000	$(\text{RM}105\ 000 + \text{RM}5\ 250) \times \frac{5}{100}$ = RM5 512.50
Jumlah faedah selepas 3 tahun	RM15 000	RM15 762.50

- 1 Sama nilai. Tiada beza.
- 2 RM15 762.50 – RM15 000 = RM762.50
- 3 Faedah kompaun

B Jawapan murid

10.9

A Jawapan murid

PRAKTIS SUMATIF

Soalan Objektif

- 1 D 2 B 3 D 4 B 5 C

Soalan Subjektif

- 1 RM3 562.40 + RM100 356.40 + RM99 = RM103 918.80 + RM99 = RM104 017.80
- 2 RM975 000 – RM564.85 – RM6 032.75 = RM974 435.15 – RM6 032.75 = RM968 402.40
- 3 RM5 044 ÷ 13 = RM388 × 5 = RM1 940
- 4 36 × RM1 065 = RM38 340
RM38 340 ÷ 24 = RM1 597.50

Unit 11 Masa dan Waktu

PRAKTIS KENDIRI

11.1

- A
- 1 4 dekad = (4 × 10) tahun = 40 tahun
 - 2 10 tahun = (10 ÷ 10) dekad = 1 dekad
 - 3 36 abad = (36 × 100) tahun = 3 600 tahun
 - 4 4 abad = (4 × 100) tahun = 400 tahun
 - 5 800 tahun = (800 ÷ 100) abad = 8 abad
- B
- 1 2 dekad 7 tahun = (2 × 10) tahun + 7 tahun = 27 tahun
 - 2 3 abad 6 tahun = (3 × 100) tahun + 6 tahun = 306 tahun

- 3 418 tahun = 400 tahun + 18 tahun
= 4 abad 18 tahun
- 4 250 tahun = 200 tahun + 50 tahun
= 2 abad 50 tahun
- 5 9 abad 3 tahun
= (9×100) tahun + 3 tahun
= 903 tahun

11.2

- A
- 1 7 dekad 9 tahun + 28 tahun
= 7 dekad 9 tahun + 2 dekad 8 tahun
= 9 dekad 17 tahun
= 9 dekad + 1 dekad 7 tahun
= 10 dekad 7 tahun
 - 2 2 abad 18 tahun + 6 abad 30 tahun
= 8 abad 48 tahun
 - 3 15 abad 78 tahun + 3 abad 36 tahun
= 18 abad 114 tahun
= 18 abad + 1 abad 14 tahun
= 19 abad 14 tahun
 - 4 6 dekad 7 tahun + 2 dekad 5 tahun + 6 dekad 3 tahun
= 14 dekad 15 tahun
= 14 dekad + 1 dekad 5 tahun
= 15 dekad 5 tahun
 - 5 2 abad 35 tahun + 4 abad 85 tahun + 11 abad 91 tahun
= 17 abad 211 tahun
= 17 abad 2 abad + 11 tahun
= 19 abad 11 tahun

11.3

- A
- 1 7 dekad 4 tahun – 2 dekad 5 tahun
= 4 dekad 9 tahun
 - 2 12 dekad – 4 dekad 8 tahun = 7 dekad 2 tahun
 - 3 3 abad 2 tahun – 1 abad 4 tahun
= 1 abad 98 tahun
 - 4 15 abad 24 tahun – 7 abad 37 tahun
= 7 abad 87 tahun
 - 5 11 dekad – 1 dekad 7 tahun – 4 dekad 5 tahun
= 9 dekad 3 tahun – 4 dekad 5 tahun
= 4 dekad 8 tahun
 - 6 9 abad 9 tahun – 1 abad 17 tahun – 199 tahun
= 7 abad 92 tahun – 199 tahun
= 5 abad 93 tahun

11.4

- A
- 1 3 abad 9 tahun $\times 9 = 27$ abad 81 tahun
 - 2 1 dekad 3 tahun $\times 20 = 20$ dekad 60 tahun
= 26 dekad
 - 3 2 abad 17 tahun $\times 13 = 26$ abad 221 tahun
= 28 abad 21 tahun
 - 4 2 dekad 8 tahun $\times 43 = 86$ dekad 344 tahun
= 120 dekad 4 tahun
 - 5 1 abad 9 tahun $\times 83 = 83$ abad 747 tahun
= 90 abad 47 tahun

11.5

- A
- 1 14 abad 4 tahun $\div 6 = 2$ abad 34 tahun
 - 2 24 dekad 7 tahun $\div 13 = 1$ dekad 9 tahun
 - 3 131 abad $\div 10 = 13.1$ abad
= 13 abad + (0.1×100) tahun
= 13 abad 10 tahun
 - 4 118 dekad 4 tahun $\div 32 = 3$ dekad 7 tahun
 - 5 184 abad 64 tahun $\div 16 = 11$ abad 54 tahun

11.6

- A
- 1 3 dekad 4 tahun – 1 dekad 2 tahun = 2 dekad 2 tahun
- B
- 1 Encik Rosli:
2 dekad 1 tahun + 2 dekad 3 tahun + 8 tahun
= 5 dekad 2 tahun
= 52 tahun
Puan Suhaila:
2 dekad 3 tahun + 3 dekad 1 tahun + 6 tahun
= 6 dekad
= 60 tahun
Encik Abu:
2 dekad 5 tahun + 9 tahun + 1 dekad 2 tahun
= 4 dekad 6 tahun
= 46 tahun
 \therefore Encik Abu yang dilantik sebagai Guru Besar pada usia kurang 50 tahun.

PRAKTIS SUMATIF

Soalan Objektif

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

Soalan Subjektif

- 1 2 abad = (2×100) tahun = 200 tahun
- 2 17 dekad + 2 dekad 8 tahun + 18 tahun
= 17 dekad + 2 dekad 8 tahun + 1 dekad 8 tahun
= 21 dekad 6 tahun
- 3 3 abad – 24 tahun – 27 tahun
= 300 tahun – 24 tahun – 27 tahun
= 249 tahun
- 4 7 abad 4 tahun $\times 15 = 105$ abad 60 tahun
- 5 16 tahun + 3 dekad 8 tahun = 16 tahun + 38 tahun
= 54 tahun

Unit 12 Panjang

PRAKTIS KENDIRI

12.1

- A
- 1 280 cm = $(280 \div 100)$ m
= 2.8 m
 - 2 3 518 m = $(3 518 \div 1 000)$ km
= 3.518 km
 - 3 3 km 18 m = 3 km + $(18 \div 1 000)$ km
= 3 km + 0.018 km
= 3.018 km
- B
- 1 18 mm = 1 cm + $\left(\frac{8}{10}\right)$ cm
= $1\frac{4}{5}$ cm
 - 2 530 cm = $\left(\frac{530}{100}\right)$ m
= $5\frac{3}{10}$ m
 - 3 7 cm 4 mm = 70 mm + 4 mm
= 74 mm
= $\left(\frac{74}{10}\right)$ cm
= $7\frac{2}{5}$ cm
 - 4 4 200 m = $\left(\frac{4 200}{1 000}\right)$ km
= $4\frac{1}{5}$ km

12.2

- A 1 $(3 + \frac{3}{4} \times 100) \text{ km} + (2 + \frac{4}{5} \times 10) \text{ km}$
 $= 3.75 \text{ km} + 2.8 \text{ km}$
 $= 6.55 \text{ km}$
- 2 $3.47 \text{ m} + 15.6 \text{ m} + 7.12 \text{ m}$
 $= 26.19 \text{ m}$
- 3 $31.5 \text{ cm} + 5.4 \text{ cm} + (60 \div 10) \text{ cm}$
 $= 31.5 \text{ cm} + 5.4 \text{ cm} + 6 \text{ cm}$
 $= 42.9 \text{ cm}$
- 4 $8.24 \text{ km} + 1\frac{3}{8} \text{ km} + 550 \text{ m}$
 $= 8.24 \text{ km} + 1.375 \text{ km} + (550 \div 1\,000) \text{ km}$
 $= 8.24 \text{ km} + 1.375 \text{ km} + 0.55 \text{ km}$
 $= 10.165 \text{ km}$
- 5 $29.6 \text{ m} + 1.28 \text{ m} + 3\frac{1}{4} \text{ m} = 29.6 \text{ m} + 1.28 \text{ m} + 3.25 \text{ m}$
 $= 34.13 \text{ m}$

12.3

- A 1 $21.6 \text{ cm} - 7.8 \text{ cm} - 1.5 \text{ cm} = 12.3 \text{ cm}$
- 2 $10.5 \text{ m} - 2.2 \text{ m} - 3.7 \text{ m}$
 $= 4.6 \text{ m}$
- 3 $3.8 \text{ km} - 128 \text{ m} - 1.26 \text{ km}$
 $= 3.8 \text{ km} - (128 \div 1\,000) \text{ km} - 1.26 \text{ km}$
 $= 3.8 \text{ km} - 0.128 \text{ km} - 1.26 \text{ km}$
 $= 2.412 \text{ km}$
- 4 $975 \text{ cm} - 0.86 \text{ m} - \frac{1}{4} \text{ m}$
 $= (975 \div 100) \text{ m} - 0.86 \text{ m} - 0.25 \text{ m}$
 $= 9.75 \text{ m} - 0.86 \text{ m} - 0.25 \text{ m}$
 $= 8.64 \text{ m}$
- 5 $40.6 \text{ cm} - 218 \text{ mm} - 3\frac{4}{5} \text{ cm}$
 $= (40.6 \times 10) \text{ mm} - 218 \text{ mm} - (3\frac{4}{5} \times 10) \text{ mm}$
 $= 406 \text{ mm} - 218 \text{ mm} - 38 \text{ mm}$
 $= 150 \text{ mm}$
- 6 $6\frac{7}{8} \text{ km} - 316 \text{ m} - 2.07 \text{ km}$
 $= 6.875 \text{ km} - (316 \div 1\,000) \text{ km} - 2.07 \text{ km}$
 $= 6.875 \text{ km} - 0.316 \text{ km} - 2.07 \text{ km}$
 $= 4.489 \text{ km}$

12.4

- A 1 $11\frac{1}{2} \text{ cm} \times 100 = 1\,150 \text{ cm}$
- 2 $7\frac{5}{6} \text{ m} \times 54 = 423 \text{ m}$
 $= (423 \div 1\,000) \text{ km}$
 $= 0.423 \text{ km}$
- 3 $6.58 \text{ m} \times 1\,000 = 6\,580 \text{ m}$
- 4 $3.628 \text{ km} \times 49 = 177.772 \text{ km}$
- 5 $49\frac{3}{5} \text{ mm} \times 45 = 2\,232 \text{ mm}$
 $= (2\,232 \div 10) \text{ cm}$
 $= 223.2 \text{ cm}$

12.5

- A 1 $7.24 \text{ m} \div 4 = 1.81 \text{ m}$
- 2 $8\frac{1}{10} \text{ cm} \div 9 = \frac{9}{10} \text{ cm}$
 $= (\frac{9}{10} \times 10) \text{ mm}$
 $= 9 \text{ mm}$

- 3 $386.4 \text{ m} \div 4 = 96.6 \text{ m}$
 $= (96.6 \times 100) \text{ cm}$
 $= 9\,660 \text{ cm}$
- 4 $7\frac{1}{2} \text{ km} \div 25 = (7\frac{1}{2} \times 1\,000) \text{ m} \div 25$
 $= 7\,500 \text{ m} \div 25$
 $= 300 \text{ m}$
- 5 $60\,280 \text{ cm} \div 100 = 602.8 \text{ cm}$
- 6 $47.68 \text{ km} \div 100 = 0.4768 \text{ km}$
 $= (0.4768 \times 1\,000) \text{ m}$
 $= 476.8 \text{ m}$

12.6

- A 1 $6.24 \text{ m} \div 8 = 0.78 \text{ m}$
 $= (0.78 \times 100) \text{ cm}$
 $= 78 \text{ cm}$
- 2 $P + T = 2.65 + 1.75$
 $= 4.4 \text{ m}$
 Reben = P dan T
- B 1 Jarak QS = $6\,000 \text{ m} - 4\,800 \text{ m}$
 $= 1\,200 \text{ m}$
 Jarak QR = $1\,200 \text{ m} \div 2$
 $= 600 \text{ m}$
- 2 Panjang tali R
 $= (3.78 \text{ m} + 5.05 \text{ m}) - 0.6 \text{ m}$
 $= 8.23 \text{ m}$

PRAKTIS SUMATIF**Soalan Objektif**

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

Soalan Subjektif

- 1 $57.6 \text{ cm} + 62 \text{ mm} = (57.6 \times 10) \text{ mm} + 62 \text{ mm}$
 $= 576 \text{ mm} + 62 \text{ mm}$
 $= 638 \text{ mm}$
- 2 $12\frac{7}{10} \text{ m} - 2\frac{3}{5} \text{ m} - 1\frac{1}{4} \text{ m} = 12.7 - 2.6 \text{ m} - 1.25 \text{ m}$
 $= 8.85 \text{ m}$
- 3 $3\,794 \text{ m} \div 14 = 271 \text{ m}$
 $= (271 \div 1\,000) \text{ km}$
 $= 0.271 \text{ km}$
- 4 $6\frac{1}{8} \text{ km} + 1\frac{3}{5} \text{ km} + 225 \text{ m}$
 $= (6\frac{1}{8} \times 1\,000) \text{ m} + (1\frac{3}{5} \times 1\,000 \text{ m}) + 225 \text{ m}$
 $= 6\,125 \text{ m} + 1\,600 \text{ m} + 225 \text{ m}$
 $= 7\,950 \text{ m}$
- 5 $18 \times 65 \text{ cm} = 1\,170 \text{ cm}$
 $= (1\,170 \div 100) \text{ m}$
 $= 11.7 \text{ m}$

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

- A 1 $15 \text{ g} = (15 \div 1\,000) \text{ kg}$
 $= 0.015 \text{ kg}$
- 2 $0.61 \text{ kg} = (0.61 \times 1\,000) \text{ g}$
 $= 610 \text{ g}$
- 3 $0.314 \text{ kg} = (0.314 \times 1\,000) \text{ g}$
 $= 314 \text{ g}$

- B 1 $\frac{4}{5} \text{ kg} = \left(\frac{4}{5} \times 1\,000\right) \text{ g}$
 $= 800 \text{ g}$
- 2 $\frac{7}{8} \text{ kg} = \left(\frac{7}{8} \times 1\,000\right) \text{ g}$
 $= 875 \text{ g}$
- 3 $640 \text{ g} = \frac{640}{1\,000} \text{ kg}$
 $= \frac{16}{25} \text{ kg}$
- 4 $50 \text{ g} = \frac{50}{1\,000} \text{ kg}$
 $= \frac{1}{20} \text{ kg}$

13.2

- A 1 $3.81 \text{ kg} + 0.755 \text{ kg}$
 $= 4.565 \text{ kg}$
- 2 $42.5 \text{ kg} + 873 \text{ g} + 23 \text{ g}$
 $= 42.5 \text{ kg} + 896 \text{ g}$
 $= 42.5 \text{ kg} + (896 \div 1\,000) \text{ kg}$
 $= 42.5 \text{ kg} + 0.896 \text{ kg}$
 $= 43.396 \text{ kg}$
- 3 $20 \text{ kg} + 4\frac{3}{5} \text{ kg}$
 $= 20 + 4.6 \text{ kg}$
 $= 24.6 \text{ kg}$
- 4 $500 \text{ g} + 5\frac{1}{2} \text{ kg} + 2\frac{3}{4} \text{ kg}$
 $= \frac{500}{1\,000} \text{ kg} + 5\frac{1}{2} \text{ kg} + 2\frac{3}{4} \text{ kg}$
 $= 0.5 \text{ kg} + 5.5 \text{ kg} + 2.75 \text{ kg}$
 $= 8.75 \text{ kg}$
- 5 $1\frac{3}{5} \text{ kg} + \frac{7}{10} \text{ kg} + \frac{1}{2} \text{ kg}$
 $= 1.6 \text{ kg} + 0.7 \text{ kg} + 0.5 \text{ kg}$
 $= 2.8 \text{ kg}$

13.3

- A 1 $27.508 \text{ kg} - 9\,808 \text{ g}$
 $= (27.508 \times 1\,000) \text{ g} - 9\,808 \text{ g}$
 $= 27\,508 \text{ g} - 9\,808 \text{ g}$
 $= 17\,700 \text{ g}$
- 2 $15.8 \text{ kg} - 8.9 \text{ kg} - 2.52 \text{ kg}$
 $= 4.38 \text{ kg}$
- 3 $9\,700 \text{ g} - 5\frac{1}{2} \text{ kg} - 1\frac{3}{5} \text{ kg}$
 $= 9.7 \text{ kg} - 5.5 \text{ kg} - 1.6 \text{ kg}$
 $= 2.6 \text{ kg}$
- 4 $10\frac{4}{5} \text{ kg} - 7\frac{3}{5} \text{ kg} - 2.98 \text{ kg}$
 $= 10.8 \text{ kg} - 7.6 \text{ kg} - 2.98 \text{ kg}$
 $= 0.22 \text{ kg}$
- 5 $7\frac{1}{2} \text{ kg} - \frac{2}{5} \text{ kg} - 7\,086 \text{ g}$
 $= 7.5 \text{ kg} - 0.4 \text{ kg} - 7.086 \text{ kg}$
 $= 0.014 \text{ kg}$
- 6 $3\,085 \text{ g} - 1\frac{4}{5} \text{ kg} - 1\frac{1}{4} \text{ kg}$
 $= 3.085 \text{ kg} - 1.8 \text{ kg} - 1.25 \text{ kg}$
 $= 0.035 \text{ kg}$

13.4

- A 1 $184 \text{ g} \times 43$
 $= 7\,912 \text{ g}$
 $= 7.912 \text{ kg}$
- 2 $2.31 \text{ kg} \times 16$
 $= 36.96 \text{ kg}$
- 3 $11\frac{1}{2} \text{ kg} \times 100$
 $= 11.5 \text{ kg} \times 100$
 $= 1\,150 \text{ kg}$
- 4 $9\frac{3}{5} \text{ g} \times 25$
 $= 240 \text{ g}$
 $= (240 \div 1\,000) \text{ kg}$
 $= 0.24 \text{ kg}$
- 5 $13\frac{7}{8} \text{ kg} \times 16$
 $= 222 \text{ kg}$

13.5

- A 1 $5.24 \text{ kg} \div 8 = 0.655 \text{ kg}$
- 2 $76.4 \text{ kg} \div 100 = 0.764 \text{ kg}$
 $= (0.764 \times 1\,000) \text{ g}$
 $= 764 \text{ g}$
- 3 $3\,750 \text{ g} \div 75 = 50 \text{ g}$
 $= (50 \div 1\,000) \text{ kg}$
 $= 0.05 \text{ kg}$
- 4 $3\frac{1}{2} \text{ kg} \div 7 = 3.5 \text{ kg} \div 7 = 0.5 \text{ kg}$
- 5 $16\frac{1}{2} \text{ kg} \div 11 = 16.5 \text{ kg} \div 11 = 1.5 \text{ kg}$
- 6 $\frac{1}{5} \text{ kg} \div 1\,000 = \left(\frac{1}{5} \times 1\,000\right) \text{ g} \div 1\,000$
 $= 200 \text{ g} \div 1\,000$
 $= 0.2 \text{ g}$

13.6

- A 1 $4.4 \text{ kg} \div 16 = (4.4 \times 1\,000) \text{ g} \div 16$
 $= 4\,400 \text{ g} \div 16$
 $= 275 \text{ g}$
- 2 $20 \text{ kg} - 3\frac{1}{4} \text{ kg} - 2\frac{2}{5} \text{ kg}$
 $= 20 \text{ kg} - 3.25 \text{ kg} - 2.4 \text{ kg}$
 $= 14.35 \text{ kg}$

- B 1 Jisim X : $2\frac{1}{8} \text{ kg} = 2.125 \text{ kg}$
 Jisim Y : 2.4 kg
 Jisim Z : $2\frac{3}{5} \text{ kg} = 2.6 \text{ kg}$
 \therefore Hadiah Y ialah hadiah daripada ibunya.

PRAKTIS SUMATIF

Soalan Objektif

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

Soalan Subjektif

- 1 $0.364 \text{ kg} \times 45 = 16.38 \text{ kg}$
- 2 $19.26 \text{ kg} - 7\frac{1}{2} \text{ kg} - 4.42 \text{ kg} = 19.26 \text{ kg} - 7.5 \text{ kg} - 4.42 \text{ kg}$
 $= 7.34 \text{ kg}$
 $= (7.34 \times 1\,000) \text{ g}$
 $= 7\,340 \text{ g}$

- 3 $6\,093\text{ g} \times 8 = 48\,744\text{ g}$
 $= (48\,744 \div 1\,000)\text{ kg}$
 $= 48.744\text{ kg}$
- 4 $15\frac{1}{2}\text{ kg} \div 5 = \left(15\frac{1}{2} \times 1\,000\right)\text{ g} \div 5$
 $= 15\,500\text{ g} \div 5$
 $= 3\,100\text{ g}$
- 5 $0.72\text{ kg} \div 12 = (0.72 \times 1\,000)\text{ g} \div 12$
 $= 720\text{ g} \div 12$
 $= 60\text{ g}$

Unit 14 Isi padu Cecair

PRAKTIS KENDIRI

14.1

- A
- 1 $5\,714\text{ mL} = (5\,714 \div 1\,000)\text{ L}$
 $= 5.714\text{ L}$
- 2 $659\text{ mL} = (659 \div 1\,000)\text{ L}$
 $= 0.659\text{ L}$
- 3 $0.08\text{ L} = (0.08 \times 1\,000)\text{ mL}$
 $= 80\text{ mL}$
- B
- 1 $1\frac{7}{8}\text{ L} = (1 \times 1\,000)\text{ mL} + (\frac{7}{8} \times 1\,000)\text{ mL}$
 $= 1\,000\text{ mL} + 875\text{ mL}$
 $= 1\,875\text{ mL}$
- 2 $800\text{ mL} = \frac{800}{1\,000}\text{ L}$
 $= \frac{800 \div 200}{1\,000 \div 200}\text{ L}$
 $= \frac{4}{5}\text{ L}$
- 3 $25\,060\text{ mL} = 25\text{ L} + \frac{60}{1\,000}\text{ L}$
 $= 25\text{ L} + \frac{60 \div 20}{1\,000 \div 20}\text{ L}$
 $= 25\frac{3}{50}\text{ L}$
- 4 $7\frac{3}{4}\text{ L} = 7\,000\text{ mL} + \left(\frac{3}{4} \times 1\,000\right)\text{ mL}$
 $= 7\,000\text{ mL} + 750\text{ mL}$
 $= 7\,750\text{ mL}$

14.2

- A
- 1 $25.01\text{ L} + 9.015\text{ mL} + 5.18\text{ L}$
 $= 25.01\text{ L} + 9.015\text{ L} + 5.18\text{ L}$
 $= 39.205\text{ L}$
- 2 $7.3\text{ L} + 15.12\text{ L} + \frac{1}{2}\text{ L}$
 $= 1.2\text{ L} + 9.2\text{ L} + 0.5\text{ L}$
 $= 11.2\text{ L}$
- 3 $1\frac{1}{2}\text{ L} + 9\frac{1}{5}\text{ L} + 500\text{ mL}$
 $= 1.5\text{ L} + 9.2\text{ L} + 0.5\text{ L}$
 $= 11.2\text{ L}$
- 4 $6\frac{1}{2}\text{ L} + 8\,060\text{ mL} + 0.45\text{ L} = 6.5\text{ L} + 8.06\text{ L} + 0.45\text{ L}$
 $= 15.01\text{ L}$
- 5 $5\frac{3}{4}\text{ L} + \frac{7}{10}\text{ L} + 6.013\text{ L}$
 $= 5.75\text{ L} + 0.7\text{ L} + 6.013\text{ L}$
 $= 12.463\text{ L}$

14.3

- A
- 1 $10\,301\text{ mL} - 6.93\text{ L}$
 $= 10\,301\text{ mL} - 6\,930\text{ mL}$
 $= 3\,371\text{ mL}$
- 2 $17.32\text{ L} - 2.065\text{ L} - 750\text{ mL}$
 $= 17\,320\text{ mL} - 2\,065\text{ mL} - 750\text{ mL}$
 $= 14\,505\text{ mL}$
- 3 $8\,793\text{ mL} - 5.31\text{ L} - \frac{1}{5}\text{ L}$
 $= 8.793\text{ L} - 5.31\text{ L} - 0.2\text{ L}$
 $= 3.283\text{ L}$
- 4 $11\frac{3}{8}\text{ L} - 3\frac{3}{5}\text{ L} - 3.08\text{ L}$
 $= 11.375\text{ L} - 3.6\text{ L} - 3.08\text{ L}$
 $= 4.695\text{ L}$
- 5 $18.1\text{ L} - 15\frac{4}{5}\text{ L} - 80\text{ mL}$
 $= 18\,100\text{ mL} - 15\,800\text{ mL} - 80\text{ mL}$
 $= 2\,220\text{ mL}$
- 6 $22\,435\text{ mL} - 17\frac{3}{5}\text{ L} - 3\,012\text{ mL}$
 $= 22.435\text{ L} - 17.6\text{ L} - 3.012\text{ L}$
 $= 1.823\text{ L}$

14.4

- 1 $4.58 \times 1\,000 = 4\,580\text{ mL}$
 $= 4.58\text{ L}$
- 2 $604\text{ mL} \times 29 = 17\,516\text{ mL}$
 $= 17.516\text{ L}$
- 3 $7\frac{1}{4}\text{ L} \times 2 = \frac{29}{4}\text{ L} \times 2$
 $= \frac{29}{2}\text{ L}$
 $= 14\frac{1}{2}\text{ L}$
- 4 $1\frac{9}{10}\text{ L} \times 15 = \frac{19}{10}\text{ L} \times 15$
 $= \frac{57}{2}\text{ L}$
 $= 28.500\text{ mL}$
- 5 $4\frac{3}{25}\text{ L} \times 100 = \frac{103}{25}\text{ L} \times 100$
 $= 412\text{ L}$

14.5

- 1 $6.02\text{ L} \div 4 = 1.505\text{ L}$
- 2 $111.384\text{ L} \div 21 = 5.304\text{ L}$
 $= 5\,304\text{ mL}$
- 3 $84\,500\text{ L} = 84.5\text{ mL}$
- 4 $15\frac{1}{2}\text{ L} \div 4 = 15.5\text{ L} \div 4$
 $= 3.875\text{ L}$
- 5 $17\frac{3}{5}\text{ L} \div 11 = 17.6\text{ L} \div 11$
 $= 1.6\text{ L}$
 $= 1\,600\text{ mL}$
- 6 $10\frac{1}{2}\text{ L} \div 100 = 10.5\text{ L} \div 100$
 $= 0.105\text{ L}$
 $= 105\text{ mL}$

14.6

A 1 $1.64 \ell + \frac{4}{5} \ell + 2.088 \text{ m}\ell = 1.64 \ell + 0.8 \ell + 2.088 \ell = 4.528 \ell$

2 $325 \text{ m}\ell = 0.325 \ell$
 $0.325 \ell \times 100 = 32.5 \ell$

B 1 $P = \frac{1}{4} \ell = 250 \text{ m}\ell$

$Q = \frac{1}{5} \ell = 200 \text{ m}\ell$

$R = \frac{1}{8} \ell = 125 \text{ m}\ell$

$Q - R = 200 \text{ m}\ell - 125 \text{ m}\ell = 75 \text{ m}\ell$

Isi bekas Q, tuangkan air itu ke dalam bekas R, bakinya disimpan.

Isi bekas Q, tuangkan air itu ke dalam bekas P.

Penuhkan bekas P dengan air yang disimpan tadi. Baki air yang tertinggal ialah 25 mℓ.

C 1 $5\frac{2}{5} \ell - 3\frac{3}{5} \ell$

$= 5.4 \ell - 3.6 \ell$

$= 1.8 \ell$

2 Isi padu air di dalam Q

$= 0.8 \ell + 0.98 \ell$

$= 1.78 \ell$

Isi padu air di dalam P

$= 1.78 \ell - 0.3 \ell$

$= 1.48 \ell$

PRAKTIS SUMATIF

Soalan Objektif

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

Soalan Subjektif

1 $6.27 \ell + 825 \text{ m}\ell = 6.270 \text{ m}\ell + 825 \text{ m}\ell = 7.095 \text{ m}\ell$

2 $9\frac{1}{8} \ell - 1\frac{1}{4} \ell - 2\frac{1}{2} \ell = 9.125 \ell - 1.25 \ell - 2.5 \ell = 5.375 \ell$

3 $4.75 \ell \div 25 = 4.750 \text{ m}\ell \div 25 = 190 \text{ m}\ell$

4 $11\frac{1}{8} \ell \times 24 = \frac{89}{8} \ell \times 24 = 267 \ell$

5 $12 \times 320 \text{ m}\ell = 3.840 \text{ m}\ell = 3.84 \ell$

3 Perimeter = $13 \text{ m} + 13 \text{ m} + 4 \times 7 \text{ m} = 26 \text{ m} + 28 \text{ m} = 54 \text{ m}$

B 1 $\frac{1}{2} \times 5 \text{ cm} \times (6 + 3) \text{ cm} + \frac{1}{2} \times 3 \text{ cm} \times 6 \text{ cm}$

$= \frac{1}{2} \times 5 \text{ cm} \times 9 \text{ cm} + \frac{1}{2} \times 3 \text{ cm} \times 6 \text{ cm}$

$= 22\frac{1}{2} \text{ cm}^2 + 9 \text{ cm}^2 = 31\frac{1}{2} \text{ cm}^2$

2 $3 \text{ m} \times 13 \text{ m} + \frac{1}{2} \times (13 + 2) \text{ m} \times 3 \text{ m}$

$= 39 \text{ m}^2 + \frac{1}{2} \times 17 \text{ m} \times 3 \text{ m}$

$= 39 \text{ m}^2 + 25\frac{1}{2} \text{ m}^2$

$= 64\frac{1}{2} \text{ m}^2$

3 $32 \text{ cm} \times 12 \text{ cm} + (32 + 8 + 10) \text{ cm} \times 12 \text{ cm}$

$= 384 \text{ cm}^2 + 50 \text{ cm} \times 12 \text{ cm}$

$= 384 \text{ cm}^2 + 600 \text{ cm}^2$

$= 984 \text{ cm}^2$

4 $12 \text{ m} \times 12 \text{ m} + (26 - 12) \text{ m} \times (12 - 7) \text{ m}$

$= 144 \text{ m}^2 + 14 \text{ m} \times 5 \text{ m}$

$= 144 \text{ m}^2 + 70 \text{ m}^2 = 214 \text{ m}^2$

C 1 $18 \text{ cm} \times 10 \text{ cm} \times 4 \text{ cm} + 10 \text{ cm} \times 10 \text{ cm} \times 6 \text{ cm}$

$= 720 \text{ cm}^3 + 600 \text{ cm}^3$

$= 1.320 \text{ cm}^3$

2 $10 \text{ cm} \times 10 \text{ cm} \times 10 \text{ cm} + 5 \text{ cm} \times 5 \text{ cm} \times 5 \text{ cm}$

$= 1.000 \text{ cm}^3 + 125 \text{ cm}^3$

$= 1.125 \text{ cm}^3$

3 $11 \text{ cm} \times 4 \text{ cm} \times 1 \text{ cm} \times 2 = 44 \text{ cm}^3 \times 2 = 88 \text{ cm}^3$

4 $6 \text{ cm} \times 6 \text{ cm} \times 6 \text{ cm} + 2 \text{ cm} \times 6 \text{ cm} \times (7 + 6) \text{ cm}$

$= 216 \text{ cm}^3 + 2 \text{ cm} \times 6 \text{ cm} \times 13 \text{ cm}$

$= 216 \text{ cm}^3 + 156 \text{ cm}^3$

$= 372 \text{ cm}^3$

15.2

- A 1 Protraktor
 2 Sesiku

B 1 $\angle a = 130^\circ$
 $\angle b = 25^\circ$

$\angle c = 25^\circ$

2 $\angle d = 50^\circ$
 $\angle e = 130^\circ$

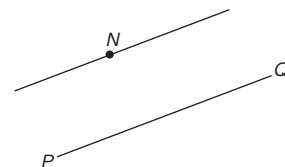
$\angle f = 50^\circ$

3 $\angle h = 120^\circ$
 $\angle j = 120^\circ$

$\angle k = 120^\circ$

15.3

- A 1

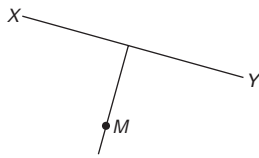


Unit 15 Ruang

15.1

- A 1 Perimeter = $24 \text{ cm} + 4 \text{ cm} + 16 \text{ cm} + (16 - 4) \text{ cm} + (24 - 16) \text{ cm} + 16 \text{ cm} = 24 \text{ cm} + 4 \text{ cm} + 16 \text{ cm} + 12 \text{ cm} + 8 \text{ cm} + 16 \text{ cm} = 80 \text{ cm}$
 2 Perimeter = $25 \text{ cm} + 7 \text{ cm} + 4 \times 12 \text{ cm} = 32 \text{ cm} + 48 \text{ cm} = 80 \text{ cm}$

2



- B**
- $45 \text{ cm} \times 30 \text{ cm} - 12 \text{ cm} \times 12 \text{ cm}$
 $= 1\,350 \text{ cm}^2 - 144 \text{ cm}^2$
 $= 1\,206 \text{ cm}^2$
 - $(26 + 12 + 10) \text{ cm} \times 2 = 48 \text{ cm} \times 2 = 96 \text{ cm}$
 - Perimeter = $31 \text{ m} + 25 \text{ m} + 2 \times 24 \text{ m}$
 $= 31 \text{ m} + 25 \text{ m} + 48 \text{ m}$
 $= 104 \text{ m}$
 Kawasan berpagar = $104 \text{ m} - 5 \text{ m} - 1.5 \text{ m}$
 $= 97.5 \text{ m}$

- C**
- Luas segi empat tepat
 $= 3 \times 20 \text{ cm}^2$
 $= 60 \text{ cm}^2$
 $BE = 60 \text{ cm}^2 \div 4 \text{ cm}$
 $= 15 \text{ cm}$
 $FE = 15 \text{ cm} - 4 \text{ cm}$
 $= 11 \text{ cm}$
 - Panjang sisi segi empat sama
 $= 3 \text{ cm}$
 Panjang WX = 2 cm
 Perimeter seluruh rajah
 $= 7 \text{ cm} + 5 \text{ cm} + 7 \text{ cm} + (3 \times 3 \text{ cm}) + 2 \text{ cm}$
 $= 30 \text{ cm}$

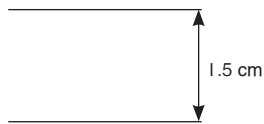
PRAKTIS SUMATIF

Soalan objektif

- 1 A 2 B 3 A 4 B

Soalan subjektif

- $PQ = 53 \text{ cm} - 16 \text{ cm} - 6 \text{ cm} - 10 \text{ cm} - 6 \text{ cm}$
 $= 15 \text{ cm}$
- $12 \text{ cm} \times 12 \text{ cm} \times 12 \text{ cm} + 6 \text{ cm} \times 12 \text{ cm} \times 20 \text{ cm}$
 $= 1\,728 \text{ cm}^3 + 1\,440 \text{ cm}^3$
 $= 3\,168 \text{ cm}^3$
-



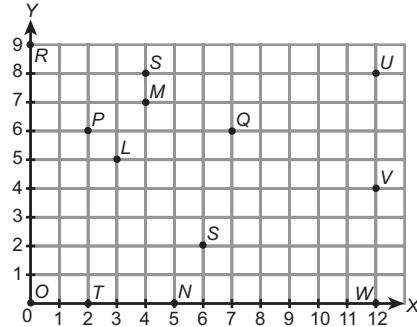
Unit 16 Koordinat

16.1

- A**
- (a) paksi-y
 (b) asalan
 (c) koordinat
 (d) paksi-x
- B**
- P (3, 5)
 - Q (5, 0)
 - 0 unit ke kanan dari asalan dan 4 unit ke atas

- C**
- H: (3, 5)
 - E: (5, 2)
 - A: (6, 5)
 - B: (2, 2)
 - T: (1, 1)

D



- E**
- B(1, 4), D(7, 4), G(7, 1)
 - Sebarang jawapan yang munasabah

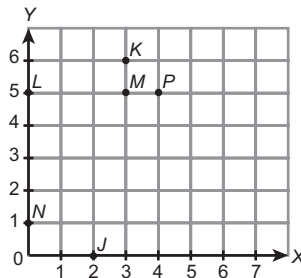
PRAKTIS SUMATIF

Soalan objektif

- 1 C 2 B 3 D 4 B

Soalan subjektif

- A (1, 5) C (0, 4) E (5, 3)
 B (3, 1) D (4, 7) F (6, 0)
-



Unit 17 Nisbah

17.1

- A**
- 1 : 5
 - 1 : 1 000
- B**
- $L = 220 \times 8 = 1\,760$
 - $Y = 990 \text{ m} \div 10 = 99 \text{ m}$
- C**
- Bilangan banglo = $144 \div 8 = 18$ buah
 - $\text{RM}2\,400 \div 5 = \text{RM}480$
- D**
- Jarak sebenar = $5.4 \text{ cm} \times 10\,000$
 $= 54\,000 \text{ cm}$
 $= 540 \text{ m}$
 $540 \text{ m} \times 2 = 1\,080 \text{ m}$

PRAKTIS SUMATIF

Soalan objektif

- 1 C 2 C 3 B 4 C

Soalan subjektif

- 1 $Y = 5 \text{ kg} \div 100 = 5\,000 \text{ g} \div 100 = 50 \text{ g}$
- 2 $S = 8 \times 6 = 48$
- 3 Sani = 4 biji $\times 3 = 12$ biji
- 4 Sisi $L = 6 \times 4 \text{ cm} = 24 \text{ cm}$
Perimeter $L = 4 \times 24 \text{ cm} = 96 \text{ cm}$

Unit 18 Pengurusan Data

18.1

- A**
- 1 Mod
 - 2 julat
 - 3 median
 - 4 Min
- B**
- 1 (a) $160 \text{ cm} - 125 \text{ cm} = 35 \text{ cm}$
(b) 125, 127, 127, 136, 136, 136, 138, 142, 153, 160
Median ialah 136 cm
(c) Jumlah = $(125 + 127 + 127 + 136 + 136 + 136 + 138 + 142 + 153 + 160) \text{ cm} = 1\,380 \text{ cm}$
Min = $1\,380 \text{ cm} \div 10 = 138 \text{ cm}$
(d) Mod = 136 cm
 - 2 (a) 16
(b) $20 - 10 = 10$
(c) 10, 16, 16, 18, 20
Median = 16
(d) $10 + 16 + 16 + 18 + 20 = 80$
Min = $80 \div 5 = 16$

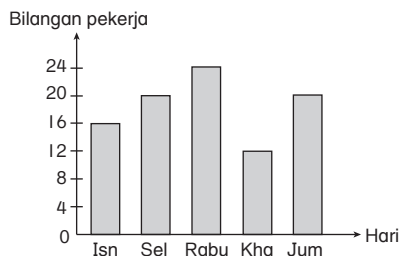
18.2

- A** 1 Bilangan pekerja yang tidak hadir

Isnin	
Selasa	
Rabu	
Khamis	
Jumaat	

mewakili 4 orang

- 2 Bilangan pekerja yang tidak hadir



- B** 1 (a) 30
(b) $\text{Min} = 14 \times 10 \div 4 = 35$

$$2 \text{ Min} = \frac{\text{RM}1\,200 + \text{RM}800 + \text{RM}1\,600 + \text{RM}1\,200}{4}$$

$$= \frac{\text{RM}4\,800}{4} = \text{RM}1\,200$$

Gaji Aziz = $\text{RM}1\,200 + \text{RM}350 = \text{RM}1\,550$
Simpanan sebulan = $\text{RM}1\,550 \div (1 + 4) = \text{RM}310$
Wang simpanan setahun = $\text{RM}310 \times 12 = \text{RM}3\,720$

PRAKTIS SUMATIF

Soalan objektif

- 1 C 2 B 3 C 4 B

Soalan subjektif

- 1 Sukan digemari 10 orang murid

Badminton	
Bola Sepak	
Bola Tampar	

mewakili 1 orang murid

- 2 (a) 5B
(b) $18 - 8 = 10$ orang
(c) $(10 + 18 + 15 + 8 + 14) \div 5 = 13$ orang

PENILAIAN AKHIR TAHUN

KERTAS 1

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

KERTAS 2

- 1 (a) Empat perpuhuan tujuh satu tiga.
(b) Panseratus
- 2 (a) $\frac{33}{100}$
(b) 33%
- 3 (a) $3\,620 \times 10 + 27 = 36\,227$
(b) 3 026 g
- 4 (a) (3, 2)
(b) (i) $(5 + 4) \times 2 \text{ m} = 18 \text{ m}$
(ii) kereta B
- 5 (a) Tinggi Danny
= $1.32 \text{ m} + 0.4 \text{ m} = 1.72 \text{ m}$
= $(1.72 \times 100) \text{ cm} = 172 \text{ cm}$
Tinggi Nizam
= $172 \text{ cm} - 28 \text{ cm} = 144 \text{ cm}$
Jumlah Tinggi Danny dan Nizam
= $172 \text{ cm} + 144 \text{ cm} = 316 \text{ cm}$
- 6 (a) 900 g
(b) Pecahan kangkung
 $\frac{5}{5} - \frac{2}{5} = \frac{3}{5}$

Pecahan kangkung untuk digoreng

$$\frac{3}{5} \times 800 \text{ g} = 480 \text{ g}$$

7 (a) 900 ml

(b) $\frac{3}{5} \times 900 \text{ ml} = 540 \text{ ml}$

(c) $540 \text{ ml} \div 3 = 180 \text{ ml}$

8 (a) $3 \text{ m } 30 \text{ cm} \div 6$
 $= [(3 \times 100) \text{ cm} + 30 \text{ cm}] \div 6$
 $= 330 \text{ cm} \div 6$
 $= 55 \text{ cm}$

(b) $\frac{4}{5} \times 55 \text{ cm} = 44 \text{ cm}$

9 (a) 1 : 4

(b) Jumlah panjang karpet
 $4 \text{ m} + 1 \text{ m} + (2 \times 4 \text{ m})$
 $= 13 \text{ m}$

Harga karpet
 $\text{RM}125 - 60 \times 13$
 $= \text{RM}1\ 632.80$

10 (a) $\frac{3}{4} + \frac{1}{4} + \frac{3}{4}$

$$= 1 + \frac{3}{4}$$

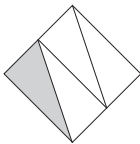
$$= 1\frac{3}{4}$$

(b) $1\frac{1}{4} - \frac{1}{4} - \frac{3}{4}$

$$= 1 - \frac{3}{4}$$

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

(c)



11(a) Kubus

(b) Panjang setiap sisi

$$\frac{50}{100} \times 8 \text{ cm} = 4 \text{ cm}$$

Isi padu bentuk Y
 $= 4 \text{ cm} \times 4 \text{ cm} \times 4 \text{ cm} \times 4 \text{ cm} = 64 \text{ cm}^3$

(c) Isi padu bentuk X
 $= 8 \text{ cm} \times 8 \text{ cm} \times 8 \text{ cm} = 512 \text{ cm}^3$
 Jumlah isi padu bentuk X dan Y
 $= 512 \text{ cm}^3 + 64 \text{ cm}^3 = 576 \text{ cm}^3$

12 (a) 1 → 3 helai

$4 \rightarrow 4 \times 3 \text{ helai} = 12 \text{ helai}$

(b) Jumlah seluar

$$= 4\ 136 \times 2 = 8\ 272 \text{ helai}$$

Jumlah seluar diborong
 $= 11\ 416 - 3\ 216 = 8\ 200 \text{ helai}$

Jumlah seluar yang dihasilkan oleh kilang melebihi jumlah yang ingin dibeli oleh pemborong. Jadi, bilangan seluar yang ingin diborong adalah mencukupi.

13 (a) $(130 \times \text{RM}100) + (10 \times \text{RM}50) + \text{RM}20 + (2 \times \text{RM}10) + (2 \times \text{RM}5)$
 $= \text{RM}13\ 000 + \text{RM}500 + \text{RM}20 + \text{RM}20 + \text{RM}10$
 $= \text{RM}13\ 550$

(b) Harga set dapur
 $(\text{RM}3\ 600 + \text{RM}5\ 120 + \text{RM}2\ 500) + \text{RM}880$
 $= \text{RM}11\ 220 + \text{RM}880$
 $= \text{RM}12\ 100$

Baki wang Puan Hastimah
 $\text{RM}13\ 550 - \text{RM}12\ 100$
 $= \text{RM}1\ 450$

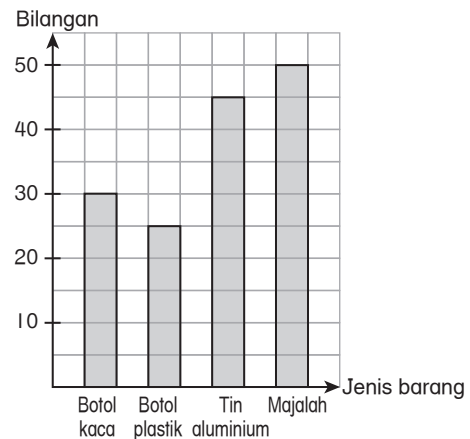
14 (a) Botol kaca = $50 - 20 = 30$
 Tin aluminium

$$= 1\frac{1}{2} \times 30$$

$$= \frac{3}{2} \times 30$$

$$= 45$$

(b)



15 (a) $16 \div 4 = 4 \text{ cm}$

(b) $\frac{100 - 25}{100} \times 152 = \frac{75}{100} \times 152$
 $= 114 \text{ orang}$

Bilangan ahli kelab bola tampar
 $= (114 - 32) \div 2$
 $= 82 \div 2$
 $= 41$

Fokus UPSR 1

- (a) Tujuh ratus enam puluh ribu lima ratus empat puluh satu
 (b) 760 000
- (a) 216 084
 (b) $200\ 000 + 10\ 000 + 6\ 000 + 80 + 4$
- (a) 569 038
 (b) 586 039
 (c) 586 039, 569 038, 568 039, 506 389
- (a) 0
 (b) $258\ 309 \rightarrow 258\ 000$
 $716\ 508 \rightarrow 717\ 000$
- (a) 15 000 biji
 (b) 45 000 biji

Fokus UPSR 2

- (a) $S = 123\ 998; T = 131\ 498$
 (b) $123\ 998 + 131\ 498 = 255\ 496$
- (a) $152\ 700 + 152\ 700 + 152\ 700 = 458\ 100$
 (b) $458\ 100 + 152\ 700 = 610\ 800$

- 3 (a) $200\,000 + 295\,300 = 495\,300$
 (b) $295\,300 + 295\,300 + 138\,400 = 729\,000$
 4 (a) $301\,825 + 197\,300 + 225\,985 = 725\,110$
 (b) $725\,110 + 127\,800 = 852\,910$

Fokus UPSR 3

- 1 (a) $7\,000 - 70 = 6\,930$
 (b) $239\,673 - 67\,958 = 171\,715$
 2 (a) $315\,285 - 138\,765 = 176\,520$ orang
 (b) $315\,285 - 8\,598 = 306\,687$ orang
 3 (a) $338\,400 - 12\,300 = 326\,100$ helai
 (b) $326\,100 - 307\,650 = 18\,450$ helai
 4 (a) Kilang Q = $522\,380 - 35\,670 = 486\,710$
 Kilang R = $486\,710 - 12\,985 = 473\,725$
 Kilang R mengeluarkan makanan dalam tin yang paling sedikit
 (b) $522\,380 - 473\,725 = 48\,655$ tin

Fokus UPSR 4

- 1 (a) $13 \times 24\,502 = 318\,526$
 (b) $Q = 24\,502 \times 5 = 122\,510$
 2 (a) $3 \times 158 = 474$ biji
 (b) $1\,000 \times 474 = 474\,000$
 3 (a) Beberapa rumah sukan
 (b) $M \times 28 = 168$
 4 (a) $10 \times 1\,620 = 16\,200$
 (b) $3 \times 1\,620 = 4\,860$

Fokus UPSR 5

- 1 (a) Nombor = 203 469
 $203\,469 \div 203\,469 \div 3 = 67\,823$
 (b) $203\,469 \div 1\,000 = 203$ baki 469
 203 ribu
 2 (a) $166\,635 \div 7 = 23\,805$ biji
 (b) $166\,635 \div 45 = 3\,703$ biji
 3 (a) $505\,500 \div 3 = 168\,500$ kotak
 (b) $505\,500 \div 30 = 16\,850$ kotak
 4 (a) 12 buah kedai runcit
 (b) $100\,224 \div 12 = 8\,352$ biji

Fokus UPSR 6

- 1 (a) $35\,277 \div 3 + 20\,548 = 11\,759 + 20\,548 = 32\,307$
 (b) $32\,307 - 3\,795 + 46\,178 = 28\,512 + 46\,178 = 74\,690$
 2 (a) $154\,260 - 380 + 154\,260 = 153\,880 + 154\,260 = 308\,140$
 (b) $308\,140 \div 25 = 12\,325$ baki 15
 $12\,325 + 15 = 12\,340$
 3 (a) $695 \div 15 = 46$ baki 5
 Baki nanas ialah 5 biji
 (b) $2 \times 695 - 48 = 1\,390 - 48 = 1\,342$ biji
 4 $(132 - 58) \div 2 = 74 \div 2 = 37$

Fokus UPSR 7

- 1 (a) $P = 1 \frac{3}{9}$ $Q = 1 \frac{6}{9}$
 $= 1 \frac{3 \div 3}{9 \div 3}$ $= 1 \frac{6 \div 3}{9 \div 3}$
 $= 1 \frac{1}{3}$ $= 1 \frac{2}{3}$

(b) $6 \frac{2}{3} - 1 \frac{1}{3} - 1 \frac{2}{3} = 5 \frac{1}{3} - 1 \frac{2}{3}$
 $= 4 \frac{4}{3} - 1 \frac{2}{3}$
 $= 3 \frac{2}{3}$

2 (a) $\frac{5}{8}$
 (b) $2 - \frac{5}{8} = 1 \frac{8}{8} - \frac{5}{8}$
 $= 1 \frac{3}{8}$

3 (a) Belon kuning = $\frac{4}{9} \times 450 = 200$
 Belon ungu = $\frac{5}{6} \times 360 = 300$
 Bilangan belon dibeli Encik Lau = $200 + 300 = 500$
 (b) Baki belon = $450 + 360 - 500 = 310$
 Bilangan belon dibeli Encik Zaki = $\frac{1}{2} \times 310 = 155$

4 (a) Bilangan guli biru = $\frac{1}{4} \times 520 = 130$
 (b) Bilangan guli kuning = $\frac{2}{5} \times 520 = 208$
 Bilangan guli merah = $520 - 130 - 208 = 182$
 Bilangan guli merah yang tinggal = $182 - 80 = 102$
 Jumlah guli biru dan merah = $130 + 102 = 232$

Fokus UPSR 8

1 (a) $0.6 + 0.08 = 0.68$
 (b) $0.68 \div 10 = 0.068$
 2 (a) Tinggi Fahmi = $1.28 \text{ m} + 0.14 \text{ m} = 1.42 \text{ m}$
 (b) Tinggi Raikal = $1.42 \text{ m} - 0.17 \text{ m} = 1.25 \text{ m}$

Fokus UPSR 9

1 (a) $\frac{35}{100} \times 80 = 28$ biji
 (b) $80 - 28 = 52$ biji
 2 (a) Bilangan soalan dijawab betul = $25 + 11 = 36$
 Jumlah bilangan soalan = $30 + 20 = 50$
 Pecahan soalan dijawab betul = $\frac{36}{50} = \frac{18}{25}$
 (b) Markah Susan dalam peratusan: $\frac{36 \times 2}{50 \times 2} = \frac{72}{100} = 72\%$
 Susan tidak layak ke peringkat seterusnya kerana jumlah markahnya kurang daripada 85%.

Fokus UPSR 10

1 (a) Wong:
 Grace:
 Siti:
 Pendapatan Wong: $\text{RM}165\,000 \div 3 = \text{RM}55\,000$
 Pendapatan Grace: $2 \times \text{RM}55\,000 = \text{RM}110\,000$
 (b) Pendapatan Siti = $3 \times \text{RM}55\,000 = \text{RM}165\,000$
 Jumlah pendapatan = $\text{RM}165\,000 + \text{RM}165\,000 = \text{RM}330\,000$

- 2 (a) $RM250\ 900 - RM58\ 900 = RM192\ 000$
 (b) Nilai faedah yang diterima = $\frac{4}{100} \times RM192\ 000$
 = RM7 680
 Jumlah wang simpanan Irwan = $RM192\ 000 + RM7\ 680$
 = RM199 680
- 3 Jumlah pendapatan = $RM85\ 600 + RM38\ 459.50$
 = RM124 059.50
- 4 Baki bayaran = $RM125\ 600 + RM23\ 216.40 - RM95\ 635.90$
 = $RM148\ 816.40 - RM95\ 635.90$
 = RM53 180.50
- 5 (a) Baki wang simpanan Jenice = $RM350\ 485 - RM89\ 736$
 = RM260 749
 (b) Baki wang simpanan Jenice = $RM260\ 749 - RM15\ 487.50$
 = RM245 261.50

Fokus UPSR 11

- 1 (a) 3 dekad 7 tahun = (3×10) tahun + 7 tahun
 = 30 tahun + 7 tahun
 = 37 tahun
 (b) Umur Encik Chan sekarang = 33 tahun + 37 tahun
 = 70 tahun
- 2 (a) 28 tahun = 2 dekad 8 tahun
 (b) Usia muzium T = 1 dekad 9 tahun
 = 19 tahun
 I abad 8 tahun = 108 tahun
 Usia muzium R = 108 tahun + 19 tahun
 = 127 tahun
- 3 (a) 65 tahun
 (b) Jumlah umur Zamri, Asri dan Puan Nor
 = 65 tahun + 48 tahun + 4 dekad 2 tahun
 = 65 tahun + 42 tahun + 48 tahun
 = 155 tahun
 (c) Umur Aisha = 48 tahun - 2 dekad 1 tahun
 = 48 tahun - 21 tahun
 = 27 tahun
 Umur Puan Nor ketika Aisha dilahirkan
 = 42 tahun - 27 tahun
 = 15 tahun
- 4 Tempoh bekerja Pak Salim = 55 tahun - 19 tahun
 = 36 tahun
 = 30 tahun + 6 tahun
 = 3 dekad 6 tahun

Kenyataan Pak Salim benar.

Fokus UPSR 12

- 1 (a) $1\frac{3}{4}$ m = $\frac{7}{4} \times 100$ cm
 = 175 cm
 (b) Perbezaan = 175 cm - 148 cm
 = 27 cm
- 2 (a) 37 cm
 (b) Jumlah panjang reben P, Q dan R
 = 37 cm + 26 cm + 50 cm
 = 113 cm
 = $(113 \div 100)$ m
 = 1.13 m
 Tiga utas reben itu mencukupi kerana Puan Siva memerlukan 1 m reben sahaja.
- 3 (a) $1\frac{3}{4}$ km = $\frac{7}{4} \times 1\ 000$ m
 = 1 250 m
 (b) 5 km 50 m = 5 050 m
 Jarak dari perhentian bas ke kedai buku
 = $\frac{2}{5} \times 5\ 050$ m
 = 2 020 m
 (c) Jarak dari perhentian bas ke pasar
 = 2 020 m + 1 250 m + 5 050 m
 = 8 320 m
 = 8 km 320 m

- 4 Panjang satu bahagian = 7.35 m \div 7
 = 735 cm \div 7
 = 105 cm
 Panjang dua bahagian = 105 cm \times 2
 = 210 cm

Fokus UPSR 13

- 1 (a) 3.2 kg
 (b) Jumlah jisim biskut = 12×3.2 kg
 = 38.4 kg
- 2 (a) Mangga
 (b) Jisim tembikai, nangka dan mangga
 = 2 kg 60 g + $3\frac{1}{10}$ kg + 450 g
 = 2.06 kg + 3.1 kg + 0.45 kg
 = 5.61 kg
 Buah yang dibeli oleh Jenny ialah tembikai, nangka dan mangga.
- 3 (a) Jisim betik M = 2.512 kg + 724 g
 = 2.512 kg + 0.724 kg
 = 3.236 kg
 (b) Jisim betik K = 3.236 kg \div 4
 = 0.809 kg
- 4 (a) 8 kg - $2\frac{1}{5}$ kg - $3\frac{1}{2}$ kg
 = $7\frac{5}{5}$ kg - $2\frac{1}{5}$ kg - $3\frac{1}{2}$ kg
 = $5\frac{4 \times 2}{5 \times 2}$ kg - $3\frac{1 \times 5}{2 \times 5}$ kg
 = $5\frac{5}{10}$ kg - $3\frac{5}{10}$ kg = $2\frac{3}{10}$ kg
 (b) $3\frac{1 \times 5}{2 \times 5}$ kg - $2\frac{1 \times 2}{2 \times 2}$ kg = $3\frac{5}{10}$ kg - $2\frac{2}{10}$ kg
 = $1\frac{3}{10}$ kg

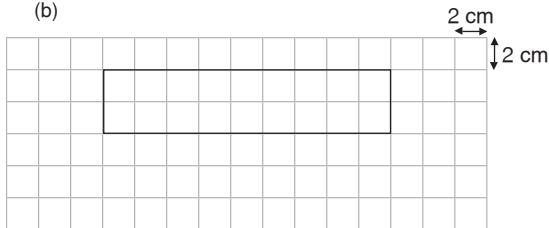
Fokus UPSR 14

- 1 (a) 800 ml
 (b) $3\frac{1}{5}$ l = 3.2 l = 3 200 ml
 Bilangan silinder yang diperlukan
 = $3\ 200$ ml \div 800 ml
 = 4
 (c) Isi padu air di dalam setiap botol
 = $3\ 200$ ml \div 20
 = 160 ml
- 2 Jumlah isi padu air = $\left(\frac{1}{4} \times 1\ 000$ ml) + $\left(\frac{3}{5} \times 1\ 000$ ml) +
 $\left(\frac{1}{8} \times 1\ 000$ ml)
 = 250 ml + 600 ml + 125 ml
 = 975 ml
- 3 (a) Isi padu air dalam bekas Q = $1\frac{2}{5} \times 2.5$ l
 = $\frac{7}{5} \times 2\ 500$ ml
 = 3 500 ml
 (b) besen P: 4 500 ml \div 5 = 900 ml
 besen Q: 3 500 ml \div 5 = 700 ml
 besen R: 1 200 ml \div 5 = 240 ml
 Sui Wen menggunakan air daripada besen R
- 4 (a) Jumlah isi padu = 3×1.5 ml
 = 4.5 ml
 (b) Isi padu air soya yang diminum Mimi = $\frac{3}{5} \times 1.5$ ml
 = 0.9 ml

$$\begin{aligned} \text{Baki isi padu air soya} &= 4\,500\text{ m}\ell - 900\text{ m}\ell - 1\,650\text{ m}\ell \\ &= 3\,600\text{ m}\ell - 1\,650\text{ m}\ell \\ &= 1\,950\text{ m}\ell \end{aligned}$$

Fokus UPSR 15

- 1 (a) Isi padu bentuk gabungan
 $= (3\text{ cm} \times 17\text{ cm} \times 8\text{ cm}) + (8\text{ cm} \times 8\text{ cm} \times 8\text{ cm})$
 $= 408\text{ cm}^3 + 512\text{ cm}^3$
 $= 920\text{ cm}^3$
- (b) Jumlah isi padu gabungan $= 3 \times 920\text{ cm}^3$
 $= 2\,760\text{ cm}^3$
- 2 (a) Perimeter $= 16\text{ m} + 35\text{ m} + 16\text{ m} + 35\text{ m}$
 $= 102\text{ m}$
- (b) Jumlah wang $= 102 \times \text{RM}12$
 $= \text{RM}1\,224$
- 3 (a) Isi padu bentuk gabungan
 $= (24\text{ cm} \times 12\text{ cm} \times 6\text{ cm}) + (12\text{ cm} \times 12\text{ cm} \times 4\text{ cm})$
 $= 1\,728\text{ cm}^3 + 576\text{ cm}^3$
 $= 2\,304\text{ cm}^3$
- (b)



- 4 Luas bahagian papan yang tinggal
 $= (50\text{ cm} \times 35\text{ cm}) - (10\text{ cm} \times 10\text{ cm})$
 $= 1\,750\text{ cm}^2 - 100\text{ cm}^2$
 $= 1\,650\text{ cm}^2$

Fokus UPSR 16

- 1 (a) (2, 4)
 (b) (8, 6)
 (c) (5, 3)
 (d) (8, 4)
- 2 (a) (3, 6)
 (b) (6, 1)
 (c) (7, 4)
 (d) (2, 8)

Fokus UPSR 17

- 1 (a) 1 : 3
 (b) $5 \times 3 = 15$ biji
- 2 (a) 1 : 4
 (b) $3 \times 4 = 12$ biji
- 3 Beng: 1 bahagian $\rightarrow 5$ biji
 Shanti: 4 bahagian $\rightarrow 4 \times 5 = 20$ biji
 Shanti mendapat 20 biji gula-gula
- 4 (a) 5 bahagian $\rightarrow 175$
 1 bahagian $\rightarrow 175 \div 5 = 35$
 Bilangan basikal ialah 35 buah
- (b) 6 bahagian $\rightarrow 210$
 1 bahagian $\rightarrow 210 \div 6 = 35$
 Bilangan motosikal ialah 35 buah

- 5 (a) 5 bahagian $\rightarrow \text{RM}3\,500$
 1 bahagian $\rightarrow \text{RM}3\,500 \div 5 = \text{RM}700$
 Wang simpanan setiap bulan ialah $\text{RM}700$
- (b) Wang perbelanjaan: 4 bahagian $\rightarrow 4 \times \text{RM}700$
 $= \text{RM}2\,800$
- Perbezaan wang perbelanjaan dan simpanan
 $= \text{RM}2\,800 - \text{RM}700$
 $= \text{RM}2\,100$
- 6 Murid bercermin mata: 1 bahagian $\rightarrow 24$ orang
 Murid tidak bercermin mata: 5 bahagian $\rightarrow 5 \times 24$
 $= 120$ orang
 Jumlah bilangan murid di sekolah $= 24 + 120 = 144$

Fokus UPSR 18

- 1 (a) 70 minit = 5 orang peserta (kekerapan tertinggi)
 Mod = 70 minit
- (b) Nilai maksimum = 80 minit
 Nilai minimum = 40 minit
 Julat = 80 minit - 40 minit = 40 minit
- (c) 40, 50, 50, 50, 50, 60, 60, 60, 70, 70, 70, 70, 70, 80, 80
 Median = 60 minit
- (d) Min
 $= \frac{(1 \times 40) + (4 \times 50) + (3 \times 60) + (5 \times 70) + (2 \times 80)}{15}$
 $= \frac{40 + 200 + 180 + 350 + 160}{15}$
 $= \frac{930}{15}$
 $= 62$
- 2 (a) 14, 14, 14, 14, 18, 20, 20, 20, 26, 26
 Median $= \frac{18 + 20}{2}$
 $= \frac{38}{2}$
 $= 19\text{ kg}$
- (b) Nilai maksimum = 30 kg
 Nilai minimum = 14 kg
 Julat = 30 - 14
 $= 16\text{ kg}$
- 3 (a) $15 - 3 = 12$ orang
 (b)

Merah jambu	😊😊😊😊😊
Biru	😊😊😊
Putih	😊😊
Ungu	😊😊😊😊

Petunjuk: 😊 mewakili 3 orang