Jawapan

Bab 1

1. (a) + (b) −
(c) +

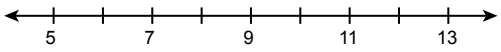
2.

Nombor / *Numbers*

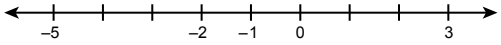
Integer *Integers*	Bukan integer *Non-integer*
100	$\frac{3}{4}$
−66	4.06
3 405	$24\frac{2}{3}$
−213	0.04

3. (a) ✗ (b) ✓
(c) ✓ (d) ✗

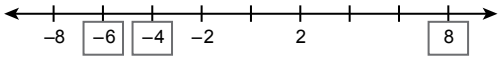
4. (a)



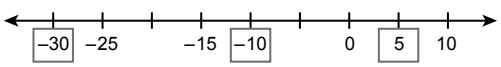
(c)



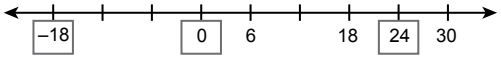
5. (a)



(b)



(c)



6. (a) −5, −4, −2, 1, 2, 3, 6
(b) 5, 4, 3, 2, 0, −3, −4
(c) −10, −7, −3, 1, 4, 6, 9
(d) 10, 7, 6, 0, −2, −7, −8

7. **Aktiviti PAK-21**

8. (a) −1 − +4 = −5
(b) −54 + 3 = −51
(c) −2 − −5 = 3
(d) −7 + −5 = −12
(e) 104 − +3 = 101

9. (a) 45 − (−37)
= 45 + 37
= 82

(b) −57 − 14
= −71

10.

sama dengan *is equal to*	−4	*as*	15	*as*	−12	*as*	24
Faktor penghubung *Relating factor*	−2 × (−2) **8 ÷ (−2)**		**−45 ÷ (−3)** 5 × (−3)		−3 × (−4) **−72 ÷ 6**		48 ÷ (−2) **−6 × (−4)**

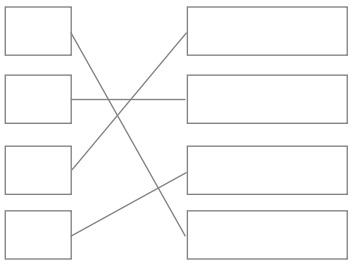
11. (a) −15 × (−3)
= +(15 × 3)
= 45

(b) 48 ÷ (−8)
= −(48 ÷ 8)
= −6

12. (a) −12 + (−2) × 3 − 40 ÷ (−8)
= −12 + (−6) − (−5)
= −12 − 6 + 5
= −18 + 5
= −13

(b) 56 ÷ (−2) + 3 × 7 + (−5)
= −(56 ÷ 2) + 21 − 5
= −28 + 21 − 5
= −7 − 5
= −12

13.



14. (a) 25 × 43 × 4
= (25 × 4) × 43
= 100 × 43
= 4 300

(b) 397 × 5
= (400 − 3) × 5
= (400 × 5) − (3 × 5)
= 2 000 − 15
= 1 985

(c) $50 \times 36 \times 2$
$= (50 \times 2) \times 36$
$= 100 \times 36$
$= 3\,600$

(d) $30 \times 42 \times 4$
$= (30 \times 4) \times (40 + 2)$
$= 120 \times (40 + 2)$
$= (120 \times 40) + (120 \times 2)$
$= 4\,800 + 240$
$= 5\,040$

(e) $39 \times 25 \times 40$
$= (25 \times 40) \times 39$
$= 1\,000 \times 39$
$= 39\,000$

15. (a) Suhu akhir cecair / *Final temperature of the liquid*
$= 19 + 71 - 2(30)$
$= 19 + 71 - 60$
$= 90 - 60$
$= 30°C$

(b) Harganya menurun sebanyak RM50 setiap 4 bulan.
The price drops RM50 *every* 4 *months.*

Dalam 1 tahun / *In* 1 *year*
$12 \div 4 = 3$ kali penurunan harga
3 *times of price drops*

Setiap tahun, harga rumah menurun sebanyak:
Every year, the price of the house drops:
RM50 × 3 = RM150

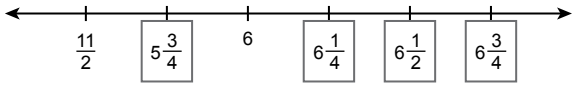
Selepas tiga tahun / *After three years*,
3 × RM150 = RM450

∴ Harga rumah itu selepas tiga tahun:
The price of the house after three years:
RM120 000 – RM450 = RM119 550

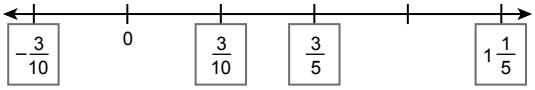
(c) Baki wang / *Balance amount*
$= 320 + (-175) + 50 + (-80)$
$= 320 - 175 + 50 - 80$
$= 145 + 50 - 80$
$= 195 - 80$
$= RM115$

Baki wang Khairi dalam akaun bernilai positif. Ini bermaksud Khairi mempunyai baki dalam akaunnya sebanyak RM115.
Khairi's balance in the account is a positive value. This means Khairi has balance of RM115 *in his account.*

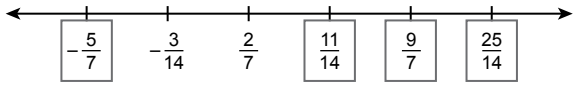
16. (a)



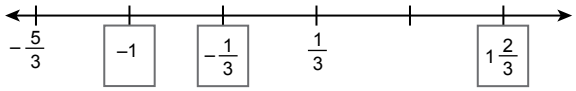
(b)



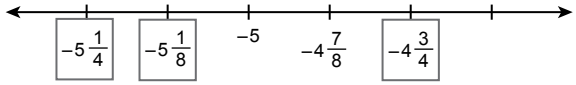
(c)



(d)



(e)



17. (a) $1\frac{2}{5}, \frac{7}{20}, -\frac{7}{10}, 1\frac{3}{4}, -1\frac{3}{4}$
$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
$\frac{28}{20}, \frac{7}{20}, -\frac{14}{20}, \frac{35}{20}, -\frac{35}{20}$

Tertib menurun / *Descending order*:
$\frac{35}{20}, \frac{28}{20}, \frac{7}{20}, -\frac{14}{20}, -\frac{35}{20}$
$\therefore 1\frac{3}{4}, 1\frac{2}{5}, \frac{7}{20}, -\frac{7}{10}, -1\frac{3}{4}$

(b) $\frac{2}{8}, -\frac{3}{4}, \frac{5}{12}, 5\frac{1}{4}, -3\frac{3}{8}$
$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
$\frac{6}{24}, -\frac{18}{24}, \frac{10}{24}, \frac{126}{24}, -\frac{81}{24}$

Tertib menaik / *Ascending order*:
$-\frac{81}{24}, -\frac{18}{24}, \frac{6}{24}, \frac{10}{24}, \frac{126}{24}$
$\therefore -3\frac{3}{8}, -\frac{3}{4}, \frac{2}{8}, \frac{5}{12}, 5\frac{1}{4}$

(c) $-\frac{1}{6}, \frac{2}{5}, \frac{7}{6}, \frac{2}{3}, -\frac{5}{3}, \frac{1}{3}$
$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
$-\frac{5}{30}, \frac{12}{30}, \frac{35}{30}, \frac{20}{30}, -\frac{50}{30}, \frac{10}{30}$

Tertib menaik / *Ascending order*:
$-\frac{50}{30}, -\frac{5}{30}, \frac{10}{30}, \frac{12}{30}, \frac{20}{30}, \frac{35}{30}$
$\therefore -\frac{5}{3}, -\frac{1}{6}, \frac{1}{3}, \frac{2}{5}, \frac{2}{3}, \frac{7}{6}$

(d) $-1\frac{1}{12}, \frac{3}{8}, \frac{1}{3}, -3\frac{5}{6}, -\frac{1}{4}, \frac{5}{24}$
$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
$-\frac{26}{24}, \frac{9}{24}, \frac{8}{24}, -\frac{92}{24}, -\frac{6}{24}, \frac{5}{24}$

Tertib menurun / *Descending order*:
$\frac{9}{24}, \frac{8}{24}, \frac{5}{24}, -\frac{6}{24}, -\frac{26}{24}, -\frac{92}{24}$
$\therefore \frac{3}{8}, \frac{1}{3}, \frac{5}{24}, -\frac{1}{4}, -1\frac{1}{12}, -3\frac{5}{6}$

(e) $-\frac{5}{6}, \quad \frac{3}{4}, \quad 2\frac{2}{3}, \quad -2\frac{1}{6}, \quad -5\frac{3}{4}$

$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$

$-\frac{10}{12}, \quad \frac{9}{12}, \quad \frac{32}{12}, \quad -\frac{26}{12}, \quad -\frac{69}{12}$

Tertib menurun / *Descending order*:

$\frac{32}{12}, \frac{9}{12}, -\frac{10}{12}, -\frac{26}{12}, -\frac{69}{12}$

$\therefore 2\frac{2}{3}, \frac{3}{4}, -\frac{5}{6}, -2\frac{1}{6}, -5\frac{3}{4}$

18. (a) $\left[\frac{1}{4} - \left(-\frac{2}{5}\right)\right] \div \frac{4}{5}$

$= \left(\frac{1}{4} + \frac{2}{5}\right) \div \frac{4}{5}$

$= \left(\frac{5}{20} + \frac{8}{20}\right) \div \frac{4}{5}$

$= \frac{13}{\cancel{20}_{4}} \times \frac{\cancel{5}^{1}}{4}$

$= \frac{13}{16}$

(b) $-3\frac{3}{5} + \left(-7\frac{1}{3}\right) \times \frac{3}{4}$

$= -3\frac{3}{5} + \left(-\frac{22}{3} \times \frac{3}{4}\right)$

$= -3\frac{3}{5} + \left(-\frac{11}{2}\right)$

$= -\frac{18}{5} - \frac{11}{2}$

$= -\frac{36}{10} - \frac{55}{10}$

$= -\frac{91}{10}$

$= -9\frac{1}{10}$

(c) $-8\frac{1}{6} \div 2\frac{3}{4} + \frac{1}{4}$

$= -\frac{49}{6} \div \frac{11}{4} + \frac{2}{11}$

$= -\frac{49}{\cancel{6}_{3}} \times \frac{\cancel{4}^{2}}{11} + \frac{2}{11}$

$= -\frac{98}{33} + \frac{2}{11}$

$= -\frac{98}{33} + \frac{6}{33}$

$= -\frac{92}{33}$

$= -2\frac{26}{33}$

(d) $1\frac{3}{5} - 2\frac{1}{3} + \frac{2}{5} \div 3$

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

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

$= \frac{8}{5} - \frac{7}{3} + \frac{2}{15}$

$= \frac{24}{15} - \frac{35}{15} + \frac{2}{15}$

$= -\frac{\cancel{9}^{3}}{5\cancel{15}}$

$= -\frac{3}{5}$

(e) $2\frac{5}{8} - \left(-\frac{1}{5}\right) \div \left(-\frac{8}{5}\right) + \frac{1}{4}$

$= 2\frac{5}{8} - \left(-\frac{1}{5}\right) \div \left(-\frac{8}{5}\right) + \frac{1}{4}$

$= 2\frac{5}{8} - \left(-\frac{1}{\cancel{5}_{1}} \times -\frac{\cancel{5}^{1}}{8}\right) + \frac{1}{4}$

$= \frac{21}{8} - \frac{1}{8} + \frac{1}{4}$

$= \frac{20}{8} + \frac{1}{4}$

$= \frac{22}{8}$

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

19. (a) Afiqah menderma / *Afiqah donates*

$\frac{3 \times 2}{5 \times 2} = \frac{6}{10}$

$\frac{6}{10}$ lebih besar daripada $\frac{4}{10}$.

$\frac{6}{10}$ *is greater than* $\frac{4}{10}$.

Beza / *Difference* $= \frac{6}{10} - \frac{4}{10}$

$= \frac{2}{10}$

$= \frac{1}{5}$

Maka, Afiqah menderma $\frac{1}{5}$ daripada wang tersebut lebih daripada Sarah.

Hence, Afiqah donates $\frac{1}{5}$ *of the money more than Sarah.*

(b) Susu soya yang dijual / *Soy milk sold*

$= 19\frac{1}{2} - 4\frac{4}{5}$

$= \frac{39}{2} - \frac{24}{5}$

$= \frac{195 - 48}{10}$

$= \frac{147}{10}\ l$

$= \frac{147}{10} \times 1\,000\ \text{m}l = 14\,700\ \text{m}l$

Jumlah harga / *Total price*

$= \frac{14\,700}{300} \times \text{RM}1.30$

$= \text{RM}63.70$

(c) Jumlah markah kumpulan 1
Total marks of group 1

$= 24 \times 2\frac{1}{2} + 15 \times \left(-1\frac{1}{2}\right) + (50 - 24 - 15) \times \left(-\frac{1}{4}\right)$

$= 24 \times \frac{5}{2} + 15 \times \left(-\frac{3}{2}\right) + 11 \times \left(-\frac{1}{4}\right)$

$= 60 - \frac{45}{2} - \frac{11}{4}$

$= 34\frac{3}{4}$

Jumlah markah kumpulan 2
Total marks of group 2

$= 25 \times 2\frac{1}{2} + 20 \times \left(-1\frac{1}{2}\right) + (50 - 25 - 20) \times \left(-\frac{1}{4}\right)$

$= 25 \times \frac{5}{2} + 20 \times \left(-\frac{3}{2}\right) + 5 \times \left(-\frac{1}{4}\right)$

$= \frac{125}{2} - 30 - \frac{5}{4}$

$= 31\frac{1}{4}$

Maka, kumpulan 1 mendapat markah yang lebih tinggi.
Hence, group 1 *has the higher marks.*

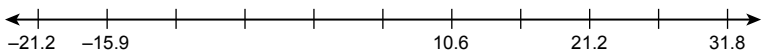
20. (a)

P	–3.84	(–5.12)
Q	(–2.56)	0
R	(2.56)	3.84

(b)

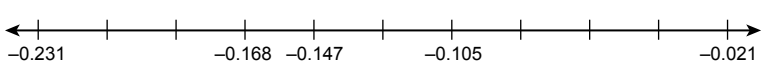
P	(–7.39)	–5.24
Q	1.21	(–0.94)
R	(3.36)	3.72

21. (a)



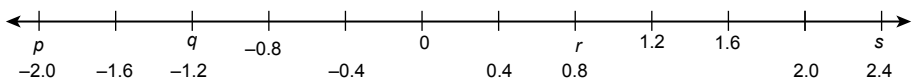
Tertib menurun / *Descending order* :
31.8, 21.2, 10.6, –15.9, –21.2

(b)



Tertib menaik / *Ascending order* :
–0.231, –0.168, –0.147, –0.105, –0.021

22.



(a) $p + q \times r - s$
$= -2.0 + (-1.2) \times 0.8 - 2.4$
$= -2.0 - 0.96 - 2.4$
$= -5.36$

(b) $\frac{p}{q} \times s$

$= \frac{\cancel{-2.0}^{-5}}{\cancel{-1.2}_{-3}} \times 2.4$

$= \frac{5}{\cancel{3}_{1}} \times \cancel{2.4}^{0.8}$

$= 4$

(c) $(q - r + s) \div 0.4$
$= (-1.2 - 0.8 + 2.4) \div 0.4$
$= 0.4 \div 0.4$
$= 1.0$

(d) $\frac{2p}{3q} \div \frac{100}{81}$

$= \frac{2(-2.0)}{3(-1.2)} \times \frac{81}{100}$

$= \frac{\cancel{4}^{-1}}{\cancel{3.6}_{-0.4}} \times \frac{\cancel{81}^{9}}{\cancel{100}_{25}}$

$= \frac{9}{10}$

$= 0.9$

(e) $\frac{q+r+s}{5}$

$= \frac{-1.2+0.8+2.4}{5}$

$= \frac{2}{5}$

$= 0.4$

23. (a) $-3.4 + 0.018 \div (-0.09) - 2.1$

$= -3.4 + (-0.2) - 2.1$

$= -3.4 - 0.2 - 2.1$

$= -5.7$

(b) $(34.5 + 5.5) \div 0.8 - 2.5 \times 4$

$= 40 \div 0.8 - 2.5 \times 4$

$= 40 \div 0.8 - 10$

$= 50 - 10$

$= 40$

24. (a) Purata pertambahan tinggi

Average increase in height

$= (145.05 - 98.85) \div (16 - 5)$

$= 46.2 \div 11$

$= 4.2$ cm

(b) Perimeter padang

Perimeter of field

$= 97.25 \times 2 + 69.3 \times 2$

$= 194.5 + 138.6$

$= 333.1$ m

Untuk setiap minggu:

For every week:

$333.1 \times 3 \times 3 = 2\,997.9$ m

$\therefore$ Dia berlari 2 997.9 m setiap minggu.

Every week, he runs 2 997.9 m.

(c) Baki wang di dalam akaun

Balance of money in the account

$= 375.20 - (184.30 + 10.40 + 206.10)$

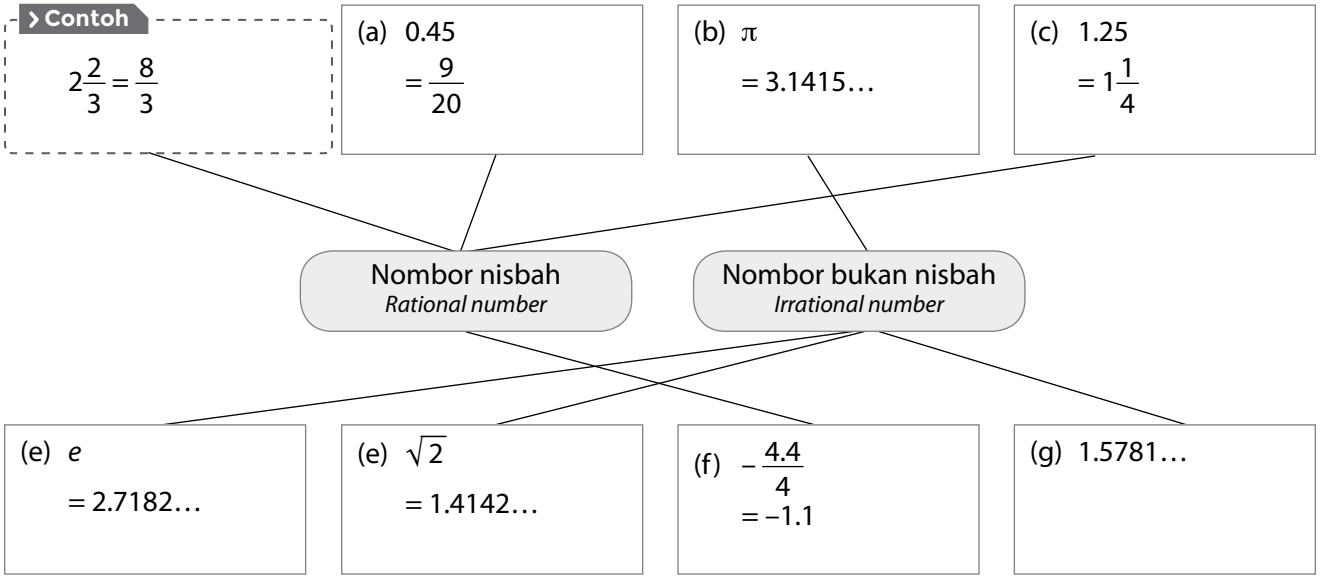
$= 375.20 - 400.80$

$= -25.60$

Maka, jumlah yang perlu dibayar ke dalam akaunnya ialah RM25.60.

Hence, the amount of money he needs to pay into his account is RM25.60.

25.



24. (a) $9.5 - 1\frac{1}{2} \times 0.5 + (-2.7)$

$= 9.5 - 1.5 \times 0.5 - 2.7$

$= 9.5 - 0.75 - 2.7$

$= 6.05$

(b) $\left(3.8 + 6\frac{1}{8} - 1.025\right) \div \left(-\frac{2}{5}\right)$

$= (3.8 + 6.125 - 1.025) \div \left(-\frac{2}{5}\right)$

$= 8.9 \div \left(-\frac{2}{5}\right)$

$= -22\frac{1}{4}$

(c) $-1.45 \times \left(-3\frac{3}{4}\right) - 0.625 \times 4.3$

$= +\left(1.45 \times 3\frac{3}{4}\right) - 0.625 \times 4.3$

$= \left(\frac{29}{20} \times \frac{15}{4}\right) - 2.6875$

$= -\frac{87}{16} - 2.6875$

$= 2.75$

(d) $-5.2 + \left(9\frac{3}{8} - 6.25\right) \div 1\frac{1}{4}$

$= -5.2 + \left(9\frac{3}{8} - 6\frac{1}{4}\right) \div 1\frac{1}{4}$

$= -5.2 + 3\frac{1}{8} \div 1\frac{1}{4}$

$= -5.2 + \frac{\cancel{25}^{5}}{\cancel{8}_{2}} \times \frac{\cancel{4}^{1}}{\cancel{5}_{1}}$

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

$= -2\frac{7}{10}$

(e) $-1.1 \div \frac{11}{15} + \left(-1\frac{1}{4}\right) \times 2.4$

$= -1.1 \times \frac{15}{11} + \left(-1\frac{1}{4} \times 2.4\right)$

$= -1.5 + \left(-\frac{\cancel{5}^{1}}{\cancel{4}_{1}} \times \frac{\cancel{24}^{6}}{\cancel{10}_{2}}\right)$

$= -\frac{1}{2} + (-3)$

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

27. (a) Jumlah bayaran / *Total payment*
= RM8.90 × 7
= RM62.30

Jumlah wang pada permulaan
Amount of money at the beginning
= 107.70 + 62.30
= RM170.00

(b) Masa yang diambil oleh Anita untuk menyelesaikan tugasnya
Time taken for Anita to complete her job
= 375 ÷ 5 × 76
= 5 700 minit / *minutes*
= 95 jam / *hours*

Bilangan hari yang diperlukan oleh Anita
The number of days needed by Anita
= 95 jam / *hours*
= 3.96 hari / *days*
≈ 4 hari / *days*

(c) (i) Jumlah bayaran / *Amount of payment*
$= 3\frac{1}{2} \times 13.90 + 7 \times 4.45$
= 3.5 × 13.90 + 7 × 4.45
= 48.65 + 31.15
= RM79.80

Baki wang / *Balance of money*
= 50 × 2 – 79.80
= 100 – 79.80
= RM20.20

Maka, baki wang ialah RM20.20.
Hence, the balance is RM20.20.

(ii) Zamri mungkin menerima 2 keping wang kertas RM10 dan sekeping duit syiling 20 sen.
(Atau mana-mana jawapan yang setara)
Zamri may receive 2 *pieces of* RM10 *notes and a* 20 sen *coin. (Or any equivalent answer)*

(d) Jumlah perbelanjaan
Total spending
= RM24.90 × 2 + RM15.20
= RM49.80 + RM15.20
= RM65.00

Jumlah bil termasuk caj perkhidmatan
Total bill including service charge
$= \text{RM}65.00 + \frac{1}{10} \times \text{RM}65.00$
= RM65.00 + RM6.50
= RM71.50

∴ Baki wang Melvin
Melvin's balance
= RM100 – RM71.50
= RM28.50

(e) Andaikan *v* ialah isi padu air dalam bekas *A*.
Assume v is the volume of water in container A.

Isi padu baki air di dalam bekas *A* / *Volume of the remaining water in container A*
= 11 × 500 m*l*
= 5 500 m*l*
= 5.5 *l*

Baki air dalam bekas *A*
Remaining water in container A

$= 1 - \frac{4}{5}$

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

$= \frac{1}{5}$

$\frac{1}{5} \times v = 5.5$

$v = 5.5 \div \frac{1}{5}$

$= 5.5 \times 5$

$= 27.5\ l$

Maka, isi padu dalam bekas *A* pada mulanya ialah 27.5 *l*.
Hence, the volume of water in container A at first is 27.5 *l.*

Semak Semula

Baki air di dalam bekas *A*
The remaining water in container A
$= \frac{1}{5} \times 27.5\ l$
$= 5.5\ l$

Isi padu air dalam setiap gelas
The volume of water in each glass
$= 5.5\ l \div 11$
$= 0.5\ l$
$= 500\ \text{m}l$ ☑

Praktis Masteri 1

BAHAGIAN A

1. **A**: $-1 + (-1) - 1$
$= -1 - 1 - 1$
$= -3$

B: $-1 \times (-1) + 1$
$= 1 + 1$
$= 2$

C: $1 \div (-1) \times 1$
$= -1 \times 1$
$= -1$

D: $-1 + (-1) / -1$
$= -2 / -1$
$= 2$

Jawapan / *Answer*: **C**

2. **A**: $\frac{1}{2} = 0.5$

B: $\frac{2}{3} = 0.667$

C: $\frac{6}{7} = 0.857$

D: $\frac{6}{13} = 0.462$

Jawapan / *Answer*: **D**

3. $45.3 - \square \times (-0.5) = 45.65$
$- \square \times (-0.5) = 45.65 - 45.3$
$= 0.35$
$- \square = 0.35 \div (-0.5)$
$- \square = -0.7$
$= 0.7$

Jawapan / *Answer*: **C**

4. Jawapan / *Answer*: **B**

5. Bacaan suhu pada termometer
The temperature shown on a thermometer
$= 15°\text{C} - (3°\text{C} \times 10) + (2°\text{C} \times 6)$
$= 15°\text{C} - 30°\text{C} + 12°\text{C}$
$= -3°\text{C}$

Jawapan / *Answer*: **A**

BAHAGIAN B

5. (a) $24 \times (2 + 5) = (\boxed{24} \times \boxed{2}) + (\boxed{24} \times \boxed{5})$
$= \boxed{48} + \boxed{120}$
$= 168$

(b)

$\frac{2}{3}$	$\frac{4}{5}$	$\frac{1}{2}$	$\frac{14}{19}$	$\left(\frac{1}{3}\right)$	$\frac{3}{5}$	$\left(\frac{2}{7}\right)$

7. (a) Pecahan / *Fraction*
(b) Pecahan / *Fraction*
(c) Integer
(d) Perpuluhan / *Decimals*

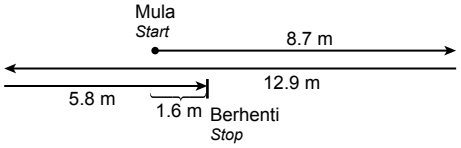
8.

(a)	0.23		0.32	✓
(b)	1.07		1.7	✓
(c)	5.38	✓	3.85	
(d)	4.204	✓	4.20	

BAHAGIAN C

9. (a) (i) $5.8 \div \frac{2}{5} - 3.72 = \square \times 0.1$
$5.8 \div 0.4 - 3.72 = \square \times 0.1$
$14.5 - 3.72 = \square \times 0.1$
$\square = 10.78 \div 0.1$
$= 107.8$

(ii) $8.7\ \text{m} - 12.9\ \text{m} + 5.8\ \text{m}$
$= -4.2\ \text{m} + 5.8\ \text{m}$
$= 1.6\ \text{m}$ (ke barat dari titik asal)
(to the west from original position)



Ramesh perlu bergerak 1.6 m ke timur untuk kembali ke kedudukan asal.
Ramesh needs to move 1.6 m *to the east so that he will return to original position.*

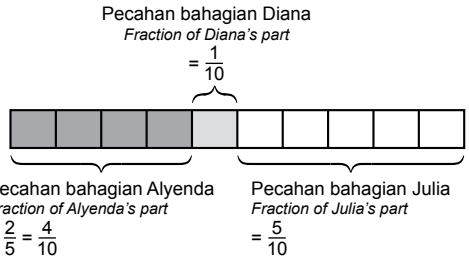
(b) $K + 3 = -20$
$K = -20 - 3$
$= -23$

$-4 - L = -20$
$L = -4 + 20$
$= 16$

$-60 \div N = -20$
$N = -60 \div (-20)$
$= 3$

$M \times (-2) = -20$
$M = -20 \div (-2)$
$= 10$

(c)



5 bahagian / *parts* → 75
1 bahagian / *part* → 75 ÷ 5 = 15
10 bahagian / *parts* → 15 × 10 = 150

Julia mempunyai 150 lilin aroma.
Julia has 150 *scented candles.*

10. (a) Hutang Nita / *Nita's debt* = 235 − 321
= −86

Hutang Nita ialah RM86.
Nita's debt is RM86.

(b) Purata simpanan / *Average savings*
$= \left(1.3 \times 12 \times 5 - \frac{4}{5} \times 7\right) \div 5$
$= (78 - 5.6) \div 5$
$= 72.4 \div 5$
= RM14.48 ribu / *thousand*

(c) (i) $Y = [-8 - (-16)] \div 2 + (-16)$
$= 4 - 16$ ← Nilai bagi satu bahagian senggatan
$= -12$
$X = -16 - 4 - 4$
$= -24$
$Z = -8 + 4 + 4$
$= 0$

(ii) $1.2 \times \left(-\frac{1}{3}\right) + 0.59$
$= 6\,5 \times \left(-\frac{1}{3}\right) + 0.59$
$= -0.4 + 0.59$
$= 0.19$

11. (a) (i) −11, −2, −1, 5, 7, 10, 20

(ii) 20 − (−11) = 31

(b) (i) 18.5 *l* adalah nilai yang paling rendah. Maka, jus oren yang dijual paling sedikit ialah pada minggu 4.
18.5 *l is the lowest value. Hence, the least orange juice sold is in week* 4.

(ii) Jumlah isi padu jus oren yang dijual
Total volume of orange juice sold
= 43.3 + 29.4 + 38.3 + 18.5 + 24.6
= 154.1 *l*

Jumlah hasil jualan / *Total sales*
$= (154.1 \times 1\,000) \times \frac{0.8}{100}$
$= 154\,100 \times \frac{0.8}{100}$
$= 1\,541 \times 0.8$
= RM1 232.80

(i) Larutan *R* dan *T* / *Solution R and T*
Beza suhu / *Difference in temperature* = 1°C

(ii) Larutan *R*, *S* dan *V* / *Solution R, S and V*

Jumlah suhu / *Total temperature*
= −6 + 4 + (−9) = −11°C

Fokus KBAT

(a) Harga 1 meter dawai / *The price of* 1 *metre of the wire*
$= \frac{\text{RM}28.75}{5}$
= RM5.75

(b) Jumlah wang yang dibayar oleh Encik Zahir
The total money paid by Encik Zahir
= RM10 × 2 + RM5 × 2
= RM20 + RM10
= RM30

Baki wang Encik Zahir
Balance of Encik Zahir's money
= RM30 − RM28.75
= RM1.25

Encik Zahir mungkin menerima sekeping wang kertas RM1, sekeping syiling 20 sen dan sekeping syiling 5 sen. (atau mana-mana jawapan yang setara)
Encik Zahir might receive a piece of RM1 *note, a* 20 sen *coin and a* 5 sen *coin. (or any equivalent answer)*

(c) Harga bagi 9 m dawai
The price of 9 m *of wire*
= 9 × RM5.75
= RM51.75

Encik Zahir layak mendapat diskaun tersebut.
Encik Zahir is eligible for the discount.

Harga baharu dawai tersebut
The new price of the wire
= (100% − 20%) × RM51.75
= 80% × RM51.75
$= \frac{80}{100} \times$ RM51.75
= RM41.40