

Practice 2A (p. 32)

- 25%
 - 70%
 - 75%
 - 50%
 - 48%
 - 20%
 - 5%
 - 36%
 - 55%
 - 60%
 - 20%
 - 5%
- 63%
 - 20%
 - 5%
 - 50%
- $\frac{23}{50}$
 - $\frac{1}{20}$
 - $\frac{7}{100}$
 - $\frac{4}{5}$
- 0.15
 - 0.09
 - 0.41
 - 0.5
- 15%
- 63%
- $\frac{3}{5}$
- 30%
- 80%
- 28%
- 90%
- 70%
- 60%

3 Percentage of a Quantity (pp. 33-36)

- 150
- 108
- 24
- 15
 - 10 m
 - 16
 - 31.5 km
 - 10 kg
 - 300 g
- 40
 - 200
- 352
- \$81; \$2,781
- \$108; \$792
- \$120; \$1620
- 20; 380

Practice 2B (p. 37)

- 6.56
 - 123.2
 - 322.4 m
 - \$121.50
 - 111 kg
 - 33
- 540
- 4.2 m^2
- 45
- 9
- \$405
- 756
- \$51.50
- \$133
- \$3605
- 9
- 84
- 30

Unit 3 – Average**1 Average (pp. 38-42)**

- 5
- 5
- 114; 38
- 11 m
 - 2.2 m
- 310
 - 77.5
- 237 km
- 373
- \$37.20
- 4 kg 200 g
- 1 kg 300 g
- 7 min 40 s
- 8 min 15 s
- 1.48 m
- \$5.70

Practice 3A (p. 43)

- 26.3
 - 4.1 kg
 - 2.39 m
 - 3.48 gal
 - \$2.81
 - 5.15 l
 - 19.4 km
 - 7.77 in.
- 1820 km
- 108 kg
- \$15
- 6 h 40 min
- 3 l 425 ml
- \$2.10
- 160

Unit 4 – Rate**1 Rate (pp. 44-49)**

- 25
- 720
- 150
- 125
 - 4
- 3
- 180
 - 10
- 15
- 9
- 84; 76; 160
- 0.70
 - 1.80; 2.50
- 2, 4.40

Practice 4A (p. 50)

- 50 min
- 4
- 2280
- 50 min
- \$1485
- 80 m
- \$0.50
 - \$1.50
- \$220
 - \$520

Primary Mathematics 5B Workbook Answer Key

Exercise 1

- (a) 5.97 (b) 21.50 (c) 17.01
- 0.08 2.31 4.08 3.26 1.80
0.01 3.02 4.04 3.66 1.21

Exercise 2

- (a) 7.78 (b) 4.50 (c) 4.34
(d) 6.92 (e) 0.08 (f) 3.01
- 4.48 m
- 1.15 lb [kg]

Exercise 3

- (a) 0.89 (b) 0.43 (c) 0.67
(d) 4.17 (e) 5.63 (f) 9.14

Exercise 4

- (a) 0.3 (b) 0.09
(c) 0.67 (d) 8.4
(e) 29 (f) 3.21
(g) 52.4 (h) 354
(i) 60.15 (j) 4128
- (a) 1.8 (b) 128
(c) 277.8
(d) 1832 (e) 1116

Exercise 5

- 3.24 32.4 324
16.35 163.5 1635
30.04 300.4 3004
81.9 819 8190
204 2040 20,400
- (a) 616.6 (b) 200.9
(c) 520.1 (d) 306.5
(e) 72 (f) 8625
(g) 4860 (h) 3700
- (a) 10 (b) 10 (c) 100
(d) 1000 (e) 10
(f) 1000 (g) 1000 (h) 100
(i) 100 (j) 1000

Exercise 6

- (a) 12 (b) 102
(c) 2720 (d) 1560
(e) 387,000 (f) 224,560
(g) 76,320 (h) 29,160

Exercise 7

- (a) 0.6 (b) 0.03
(c) 0.005 (d) 0.034

- (e) 0.12 (f) 1.9
(g) 2.05 (h) 0.365
(i) 23.9 (j) 0.058
- (a) 0.04 (b) 0.074 (c) 0.089
(d) 0.912 (e) 0.423

Exercise 8

- 20.3 2.03 0.203
0.8 0.08 0.008
705 70.5 7.05
5.8 0.58 0.058
145.8 14.58 1.458
- (a) 0.54 (b) 0.203
(c) 28.2 (d) 0.034
(e) 4.525 (f) 3.4
(g) 0.073 (h) 0.002
- (a) 10 (b) 100
(c) 1000 (d) 100
(e) 1000 (f) 10
(g) 100 (h) 1000
(i) 10 (j) 1000

Exercise 9

- (a) 0.036 (b) 0.03
(c) 0.106 (d) 0.072
(e) 0.003 (f) 0.013
(g) 0.098 (h) 0.121

Exercise 10

- (a) 2000 (b) 1200 (c) 1200
(d) 2100 (e) 2000

Exercise 11

- (a) 110.4 (b) 240.87
(c) 1246.44 (d) 31,761
(e) 50.74 (f) 105.06
(g) 1498.77 (h) 4834.05
- 21.6 25.16 73.37
3122.2 48.76 52.78
46.5 354.72 1514.88
watch

Exercise 12

- (a) 400 (b) 1500
(c) 90 (d) 43
(e) 1 ft 3 in. [1 m 5 cm]
(f) 4 lb 12 oz [4 kg 125 g]
(g) 3 km 40 m (h) 3 l 800 ml

Exercise 13

1. (a) 0.006 (b) 0.08
 (c) 0.04 (d) 0.054
 (e) 2.3 (f) 3.5
 (g) 4.03 (h) 2.6

Exercise 14

1. (a) 2.5 (b) 1.08
 (c) 3.006 (d) 2.4
 (e) 3.5 [4.072]
 (f) 3.45
 (g) 19.25 [2.35]
 (h) 3.245

Review 1

1. (a) Seven hundred thousand, two hundred forty-eight
 (b) Two million, one hundred nine thousand, thirty-five
2. (a) 860,709 (b) 3,000,040
3. (a) 7 (b) 4.21
4. (a) 366 (b) 0.537
5. (a) 1, 2, 4, 5, 10, 20, 25, 50, 100
 (b) 9 (c) 40; 80
6. (a) 7000 (b) 30,000
 (c) 400 (d) 100
7. (a) 2.7 (b) 3.08
 (c) 1.6 (d) 1.75
8. $\frac{11}{4}$
9. $2\frac{1}{2}, \frac{5}{3}, \frac{5}{8}, \frac{7}{12}$
10. (a) - (b) +
 (c) \times (d) \div
11. 4,000,000
12. $\frac{1}{2}$
13. (a) 25 (b) 2400
14. (a) 0.58 (b) 4.6 (c) 2.004
15. 786
16. \$52.15
17. 14
18. 0.1 m
19. 1.53 m
20. 4 : 13
21. 45 cm^2
22. 84 cm^2
23. 50 cm
24. \$4.24
25. 64
26. 36

Exercise 15

1. (a) 7 (b) 15 (c) 29
 (d) 26 (e) 38 (f) 28

3. 87% 5%
 16% 71%
 68% 50%
 99% 100%
4. 7 1
 43 99
 100 100
 100 100

Exercise 16

1. (a) 15% (b) 86% (c) 40%
 (d) 90% (e) 47%
 (f) 12% (g) 4% (h) 50%
 (i) 75% (j) 6%
2. (a) 0.24 (b) 0.37 (c) 0.78
 (d) 0.06 (e) 0.62
 (f) 0.53 (g) 0.1 (h) 0.07
 (i) 0.8 (j) 0.9

Exercise 17

1. (a) $\frac{11}{50}$ (b) $\frac{9}{20}$ (c) $\frac{24}{25}$
 (d) $\frac{13}{25}$ (e) $\frac{3}{50}$
 (f) $\frac{2}{5}$ (g) $\frac{9}{10}$ (h) $\frac{2}{25}$
 (i) $\frac{3}{4}$ (j) $\frac{1}{2}$

Exercise 18

1. (a) 50% (b) 18% (c) 85%
 (d) 48% (e) 60%
 (f) 60% (g) 16% (h) 25%
 (i) 24% (j) 30%
2. (a) 20% (b) 50% (c) 30%
 (d) 35% (e) 60%

Exercise 19

1. (a) 93% (b) 13% (c) 24%
 (d) 47% (e) 61%
2. 45%
3. 30%
4. 32%

Exercise 20

1. (a) 48% (b) 52%
 2. (a) 40% (b) 60%
 3. (a) 30% (b) 70%
 4. (a) 68% (b) 32%

Exercise 21

1. (a) 12 (b) 108 (c) \$28.20
 (d) \$12.50 (e) 60 m (f) 20 kg
2. \$46.75

3. 12
4. \$225

Exercise 22

1. 33
2. \$588
3. \$1,020
4. 135

Exercise 23

1. (a) \$108 (b) \$1908
2. \$3024
3. (a) \$12 (b) \$48
4. \$11.25

Exercise 24

1. \$36
2. 1560

Exercise 25

1. (a) 18, 6 (b) 39
(c) 27 (d) 43
2. 7
3. \$26

Exercise 26

1. (a) \$4.15 (b) 13.2 m
(c) 14.6 kg (d) 226 l
2. 4.68 m
3. 1.34 lb [kg]

Exercise 27

1. 86
2. 90 g
3. 37.2
4. 114 in. [cm]

Exercise 28

1. (a) 12 m 80 cm
(b) 255 cm; 2 m 55 cm
(c) 6 m 255 cm; 8 m 55 cm
2. (a) 10 l 750 ml
(b) 1,600; 1 l 600 ml
(c) 12 l 1600 ml; 13 l 600 ml
3. (a) 2 km 125 m
(b) 400 m
(c) 1 km 400 m
4. (a) 2 h 15 min
(b) 20 min
(c) 1 h 20 min

Exercise 29

1. 2 kg 350 g
2. 13 l 500 ml

Exercise 30

1. 50 kg
2. \$4.60

Exercise 31

1. (a) 75 (b) 50
(c) 12 (d) 34

Exercise 32

1. (a) 225 (b) 7875
(c) 175 (d) 144

Exercise 33

1. 20 min
2. 5 days
3. $7\frac{1}{2}$
4. \$42
5. 1000
6. 15 l

Exercise 34

1. 60 (a) 360 (b) 20
2. 14 (a) 224 (b) 15
3. 40 (a) 3600 (b) 50
4. 150 (a) 2250 (b) 5
5. (a) 120 s (b) 5 days
6. (a) 625 (b) 8 min

Exercise 35

1. (a) \$5 (b) \$9 (c) \$3.50
2. (a) \$8.40 (b) \$19.20 (c) \$33.05

Exercise 36

1. (a) 200 (b) from 1981 to 1982
(c) 700 (d) 3400 (e) 850
2. (a) Wed. (b) 375 (c) Sat.
(d) 75 (e) from Tue. to Wed.
3. (a) 3 cm (b) 4 cm
(c) from Tue. to Wed.
(d) from Thu. to Fri., 4 cm
(e) 4 days
4. (a) 7 a.m. (b) 130
(c) from 8 a.m. to 9 a.m.
(d) from 7 a.m. to 8 a.m.
(e) from 9 a.m. to 10 a.m.

Exercise 37

1. (a) 4, 8, 3, 16, 5
(b) 2.50 (c) 18
2. (a) 3 min (b) $4\frac{1}{2}$ min
(c) 40 l (d) 70 l

Exercise 38

1. (a) 32° (b) 42°
(c) 124° (d) 20°