Answer Above All Maths

Grade 4

Pg1 Ex1.

(b) 7 + 8 + 9 (c) 9 + 1 + 5

(d) 6 + 9 + 3 (e) 2 + 5 + 7

Pg1 Ex2.

(b) 7, 8, 9 (c) 2, 1, 7.

(d) 6, 5, 3 (e) 3, 6, 8.

Pg2 Ex3.

(b) 400 + 50 + 8 (c) 300 + 40 + 0.

(d) 500 + 20 + 5 (e) 200 + 60 + 7.

Pg2 Ex4

(b) 648 (c) 946 (d) 674

(e) 779 (f) 138.

Pg3 Ex5

(a) (i) 2225.

(ii) Two thousand two hunded and fifty five.

(b) (i) 3124.

(ii) Three thousand one hundred and fifty four.

(c) (i) 1088

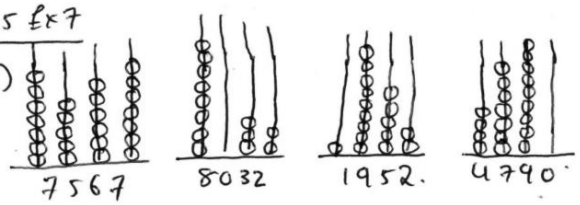
(ii) One thousand and eighty eight

Pg4 Ex6

(a) 3245 (b) 4057 (c) 4123 (d) 4102

Pg5 Ex7

(a)



7567 8032 1952. 4790.

Pg6 Ex8

(a) Six thousand seven hundred and eighty two

(b) Three thousand two hundred and fifty six.

(c) 1549.

(d) One thousand two hundred and three.

(e) 4092

(f) 7810.

(g) six thousand and ninety eight.

(h) 6216.

(i) eight thousand and sixty seven.

(j) 2311.

(k) four thousand five hundred and sixty nine.

(l) 1900.

(m) nine thousand nine hundred and ninty nine.

Pg7 Ex9

(b) 200 (c) 7 (d) 2000 (e) 800.

(f) 7000 (g) 60 (h) 500 (i) 200 (j) 4000

Pg7 Ex10

(b) 4567 = 4 thousands + 5 hundreds + 6 tens + 7units

$= (4 \times 1000) + (5 \times 100) + (6 \times 10) + (7 \times 1)$.

$= 4000 + 500 + 60 + 7$

$= 4567$

Four thousand five hundred and sixty seven.

(c) 2382 = 2 thousands + 3 hundreds + 8 tens + 2units

$= (2 \times 1000) + (3 \times 100) + (8 \times 10) + (2 \times 1)$

$= 2000 + 300 + 80 + 2$.

= Two thousand three hundred and eighty two.

(d) 3478 = 3 thousands + 4 hundreds + 7 tens + 8units

$= (3 \times 1000) + (4 \times 100) + (7 \times 10) + (8 \times 1)$

$= 3000 + 400 + 70 + 8$.

= Three thousand four hundred and seventy eight

(e) 1407 = 1 thousand + 4 hundreds + 7units.

$= (1 \times 1000) + (4 \times 100) + (7 \times 1)$

$= 1000 + 400 + 7$.

= one thousand four hundred and seven.

Pg8 Ex11

(a) 3000 (b) 400 (c) 40 (d) 90

(e) 1 (f) 200 + 40.

Pg8 Ex12

(a) 5 thousands (b) 5 hundreds.

(c) 6632 (d) 526 (e) 8 thousands, 5 hunded

Pg8 Ex13

(a) 7421 (b) 1325 (c) 7163

(d) 8345 (e) 4825

(a) 4243 (b) 2463 (c) 1543
(d) 5438 (e) 3584 (f) 7612.

Pg 9 Ex15

(a) 3429 (b) 1256 (c) 7464.
(d) 5672 (e) 4821 (f) 6905

Pg 9 Ex16

(b) 8 thousands + 7 tens + 5 units.
(c) 4 thousands + 6 hundred + 7 units.
(d) 5 thousands + 1 hundred + 2 tens + 6 units
(e) 2 thousand + 4 hundred + 8 tens
(f) 9 thousand + 8 hundred + 7 tens + 3 units

Pg 9 Ex17

(a) 6732 (b) 4260 (c) 3112.
(d) 8001 (e) 1533 (f) 7017

Pg 9 Ex18

(a) four thousand. five hundred and sixty two.
(b) one thousand three hundred and twenty four.
(c) seven thousand eight hundred and nine.
(d) two thousand and forty five.
(e) Eight thousand and six.
(f) Five thousand and fifty.

Pg 10 Ex19

(a) 4300, 4400, 4500.
(b) 3253, .. , 3255, 3256.
(c) 1750, ... , 1850.
(d) 4000, 5000, 6000.
(e) 7346, 7348, 7350.
(f) 1565, 1570, 1575

Pg 10 Ex20

(a) 1359 (b) 9531

Ex21

(a) 0279 (b) 9720.

(a) 1000, 2000, 4000, 6000, 9000.
(b) 2198, 3458, 4888, 6768, 9078.
(c) 1234, 1342, 2134, 4312, 4321.
(d) 1070, 2050, 3060, 6050, 9080.
(e) 585, 1235, 3895, 6795, 8645.

Pg 11 Ex23

(a) 7000, 6000, 3000, 2000, 1000
(b) 7168, 3354, 2568, 1906, 481.
(c) 4521, 4242, 3412, 2434, 1423.
(d) 8040, 6010, 4060, 3050, 1020.
(e) 5975, 5895, 5785, 5645, 5435

Pg 12 Ex1

(a) 28 (b) 57 (c) 87.
(d) 259 (e) 735 (f) 299.

Pg 12 Ex2.

(a) 669 (b) 357 (c) 999 (d) 998.

Pg 12 Ex3

(a) 5756 (b) 8479 (c) 9988 (d) 9978
(e) 3688 (f) 5699 (g) 2967 (h) 8728.

Pg 12 Ex4.

(a) 7184 (b) 7805 (c) 9974 (d) 4686.
(e) 5734 (f) 8802 (g) 9612 (h) 9887

Pg 13 Ex5

(a) 8662 (b) 7919 (c) 6917 (d) 7268.
(e) 6431 (f) 8326 (g) 8390 (h) 9520

Pg 14 Ex6

3456 + 2987 = 6443.

Ex7

4487 + 1709 = 2196.

Pg 15 Ex 8.
Spectators = (2459 + 1790 + 3458) = 7707.

Pg 15 Ex 9.
Inhabitants = (3495 + 3265 + 2983) = 9743

Pg 15 Ex 10
In all = (2850 + 995 + 1575) = Rs 5420

Pg 16 Ex 11
(a) (780 + 956 + 1295 + 1148) = 4179.
(b) (1340 + 1785 + 2439) = 5564.
(c) (4179 + 5564) = 9743.

Pg 18 Ex 12
(a) Elody = (2350 + 975) = Rs 3325
(b) In all = (2350 + 3325) = Rs 5675.

Pg 17 Ex 13
(a) (3563 + 2375) = 5938.
(b) (5429 + 4605) = 10034.

Pg 17 Ex 14
Tony = 1450.
Kim = (1450 + 795) = 2245.
Tania = (1450 × 2) = 2900.
Altogether = (1450 + 2245 + 2900) = 6595

Pg 17 Ex 15
Women = (3700 + 655) = 4355.
Total = (3700 + 1495 + 4355) = 9550.

Pg 18 Ex 16.
Saturday = 3025
Sunday = (3025 + 890) = 3915.
Both days = (3025 + 3915) = 6940

Pg 19 Ex 17
(675 + 1590 + 795 + 479 + 2625) = 6164.

Pg 20 Ex 18
(a) 237 + 466
(b) 4785 − 1976 = 6761
(c) 2369 + 1496 + 5358 = 9223

(d) 4252 − 1675 = 2098 = 8302
(e) 2651 + 0989 = 1720 = 9290
(f) 2207 − 2995 = 4849 = 9919

Pg 219 Ex 1
(a) 22 (b) 42 (c) 49.
(d) 212 (e) 303.

Pg 19 Ex 2
(a) 372 (b) 512 (c) 874 (d) 461.

Pg 19 Ex 3
(a) 6153 (b) 5461 (c) 7636 (d) 7912.
(e) 3352 (f) 4619 (g) 7073 (h) 5331
(i) 5334 (j) 4331 (k) 4643 (l) 8364.

Pg 20 Ex 4
(a) 6248 (b) 4663 (c) 3623 (d) 7178
(e) 4899 (f) 3877 (g) 5597 (h) 5084

Pg 20 Ex 5
(a) 3258 (b) 4574 (c) 4469 (d) 3327.
(e) 3755 (f) 5487 (g) 4643 (h) 5543

Pg 21 Ex 6
left = (8500 − 3275) = 5225.

Pg 21 Ex 7
left = (4375 − 2899) = 1476

Pg 21 Ex 8
(5239 − 2876) = 2363.

Pg 22 Ex 9
Silver + bronze = (26 + 35) = 61.
Gold = (90 − 61) = 29.

Pg 22 Ex 10
Sarah + Rick = (1290 + 2565) = 3855.
left = (7500 − 3855) = 3645

Pg 22 Ex 11.
(a) Radley = (26 − 9) = 17
(b) (17 + 9) = 26 years

Pg 22 Ex 12
Gina + Benji = (3700 + 2980) = 6680.
Chloe = (9300 − 6680) = 2620

Pg 24 Ex 1.

16, 20, 24, 28, 32, 36, 40.

Pg 24 Ex 2.

15, 20, 25, 30, 35, 40, 45, 50.

24, 32, 40, 48, 56, 64, 72, 80.

Pg 25 Ex 3.

(a) 6 (b) 7 x 49. (c) 7 x 9 = 63.

(d) 3 x 8 = 24.

Pg 25 Ex 4

(a) 11 (b) 56 (c) 34 x 87 (d) 99 x 65

Pg 26 Ex 5.

(a) 340 (b) 6320 (c) 9870.

(d) 290 (e) 5010 (f) 4400.

Pg 26 Ex 6

(a) 400 (b) 600 (c) 9800.

(d) 3700 (e) 4500 (f) 2200.

Pg 26 Ex 7.

(a) 6000 (b) 9000 (c) 3000.

(d) 1000 (e) 1000 (f) 7000.

Pg 27 Ex 8

(d) 225 x 10 = 2250.

(e) 270 x 10 = 2700.

(f) 47 x 7 x 10 = 329 x 10 = 3290.

(g) 47 x 8 x 10 = 376 x 10 = 3760.

(h) 47 x 9 x 10 = 423 x 10 = 4230.

Pg 29 Ex 10

(a) 270 (b) 656 (c) 532 (d) 837 (e) 285

Pg 29 Ex 11.

(a) 1170 (b) 1824 (c) 4938 (d) 8145.

(e) 4037 (f) 5536 (g) 6924 (h) 3718

Pg 30 Ex 12 (a).

(a) 1170 (b) 1664 (c) 3360

(d) 3654. (e) 2175 (f) 5336.

Pg 31 Ex 13

Ans = 1764.

14) 1 kg → Rs 56

27 kg → (56 x 27) = Rs 1512.

15) 1 box = 36 cereal.

86 box = (36 x 86) = 3096 cereal.

16) 1 crate = 24 bottles.

59 crates = (24 x 59) = 1416 bottles.

17) (65 x 28) = 1820.

18) 1 packet = 18 plates.

24 packets = (18 x 24) = 432 plates.

left = (432 - 257) = 175 plates.

19) Maria = 86 stickers.

Sara = (86 x 4) = 344 stickers.

20). Lina = 75 beads.

Kim = (75 x 3) = 225 beads.

Tina = (225 + 15) = 240 beads.

Altogether = (75 + 225 + 240) = 540 beads.

21) 1 spectator = Rs 50.

196 spectators = (196 x 50) = Rs 9800

22) (i) 1 sweet = Rs 18.

20 sweets = (18 x 20) = Rs 360.

(ii) 1 chocolate = Rs 75.

36 chocolate = (36 x 75) = Rs 2700

(iii) Altogether = (360 + 2700) = Rs 3060.

23) (i) 1 box = 96 stickers.

30 boxes = (30 x 96) = 2880.

(ii) 1 box = 96 stickers

35 boxes = (35 x 96) = 3360.

(iii) In all = (3360 + 2880)

= 6240.

Pg 34

1) 12 2) 5

Pg 35 Ex 3.

(a) 5, 5 (b) 7, 7 (c) 6, 6 (d) 4, 4.

Pg 36

4) 8 5) 6.

Pg 37 Ex 6

(a) 5 (b) 5 (c) 2 (d) 4.

Pg 38 Ex 7

$28 \div 5 = 5$ R 3.

Pg 38 Ex 8

$45 \div 6 = 7$ R 3.

Pg 38 Ex 9.

(a) 6 R 3

(b) 14 R 2.

(c). $2 \overline{)37}$ → 18 R 1

$7 \overline{)68}$ → 63. 9 R 5

Pg 40 Ex 10.

(a). 45 (b) 180 (c) 1208 (d) 1301

Pg 40 Ex 11.

(a) 7 (b) 9 (c) 6 (d) 8.

Pg 41 Ex 12

(a) 24 (b) 75 (c) 68 (d) 44.

(e) 37 (f) 421 (g) 618 (h) 780.

(i) 900 (j) 852.

Pg 41 Ex 13

(a) 9 (b) 14 (c) 67 (d) 31.

(e) 65 (f) 32 (g) 67 (h) 90

Pg 42 Ex 14

14) bags = $\frac{244}{4} = 61$

15) Each son = $\frac{5400}{3} = 1800$.

16) Each dress = $\frac{7200}{6} = 1200$.

17) No. of packets = $\frac{84}{6} = 14$.

18) No. of box = $\frac{639}{3} = 213$.

19) No. of box = $\frac{423}{9} = 47$

20) 1 apple = $\frac{72}{8} = Rs\ 9$.

21). Alyssa = 112

Zara = $\frac{112}{4} = 28$.

More = $(112 - 28) = 84$.

22) (a) No. of cakes = $\frac{68}{8} \Rightarrow \frac{64}{8} = 8$.

(b) No. of eggs left = $(68 - 64) = 4$.

23). $\overset{5}{6}\overset{10}{4} - 6 = 58$, $\frac{58}{2} = 29$.

Saphire = 29.

Ruby = $(29 + 6) = 35$.

Pg 45 Ex 2.

(a) 16, 20, 24.

(b) 20, 25, 30.

(c) 40, 50, 60.

(d) 47, 49, 51.

(e) 69, 72, 75

Pg 45 Ex 3.

(a) 400, 500, 600.

(b) 4000, 5000, 6000.

(c) 750, 800, 850.

(d) 1800, 2000, 2200.

(e) 325, 350, 375.

Pg 46 Ex4.

(a) 12, 8, 4.
(b) 200, 190, 180.
(c) 160, 155, 150.
(d) 72, 64, 56
(e) 63, 56, 49.

Pg 46 Ex5.

(a) 600, 500, 400.
(b) 108, 96, 84.
(c) 700, 650, 600.
(d) 1600, 1400, 1200.
(e) 429, 420, 411

Pg 47 Ex6.

(a) 32, 64, 128.
(b) 64, 256, 1024.
(c) 125, 625, 3125.
(d). 270, 810, 2430
(e) 120, 240, 480.

Pg 48 Ex7

(a) 100, 50.
(b) 5, 1
(c) 20, 10.
(d) 80, 40.
(e) 250, 125.

Pg 49 Ex1

(a) even (b) odd (c) odd (d) odd.
(e) even (f) even (g) even (h) odd.

Pg 49 Ex2

(a) 524, 2, 764
(b) 708, 807, 769, 964
(c) 895, 404, 37, 55
(d) 440, 661, 278, 235.

odd : 525, 19, 5603, 9007, 31.
even : 234, 450, 1092, 678, 9106

Pg 49 Ex4

828, 67, 51, 670, 301, 869, 324, 872
190, 915, 4279, 8000.

(a) 190
(b) 8000.
(c) (8000 + 190) = 8190.
(d) (8000 − 190) = 7810.

Pg 50 Ex

(b) $\frac{1}{4}$ (c) $\frac{1}{7}$ (d) $\frac{3}{4}$ (e) $\frac{3}{8}$ (f) $\frac{2}{3}$.

Pg 51 Ex2

(a) (a) $\frac{3}{4}$ (b) $\frac{2}{3}$ (c) $\frac{5}{6}$
(d) $\frac{1}{4}$ (e) $\frac{2}{5}$ (f) $\frac{7}{8}$

Pg 51 Ex3.

(a) $\frac{2}{3}$, Two third (c) $\frac{1}{6}$, one sixth.
(d) $\frac{3}{6}$ = Three sixth

Pg 51 Ex4

(a) $\frac{1}{2}$ (b) $\frac{1}{3}$ (c) $\frac{1}{4}$ (d) $\frac{2}{5}$, $\frac{4}{5}$.
(e) $\frac{2}{6}$, $\frac{4}{6}$, $\frac{5}{6}$ (f) $\frac{1}{8}$, $\frac{3}{8}$, $\frac{5}{8}$.

Pg 52 Ex5

(a) $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$, $\frac{4}{5}$ (b) $\frac{2}{7}$, $\frac{3}{7}$, $\frac{5}{7}$, $\frac{8}{7}$.
(c) $\frac{1}{8}$, $\frac{2}{8}$, $\frac{5}{8}$, $\frac{7}{8}$.

Pg 53 Ex6

(a) $\frac{8}{10}$, $\frac{7}{10}$, $\frac{3}{10}$, $\frac{2}{10}$.
(b) $\frac{5}{6}$, $\frac{3}{6}$, $\frac{2}{6}$, $\frac{1}{6}$.
(c) $\frac{8}{9}$, $\frac{4}{9}$, $\frac{3}{9}$, $\frac{1}{9}$.

Pg 54 Ex 9.

2) $1\frac{1}{4}$ 3) $1\frac{2}{3}$ 4) $1\frac{1}{6}$ 5) $2\frac{3}{4}$.

6) $3\frac{1}{3}$ 7) $1\frac{4}{5}$ 8) $2\frac{5}{6}$ 9) $2\frac{2}{3}$

10) $3\frac{3}{5}$

Pg 55 Ex10.

(a) $3\frac{1}{2}$, three and a half.

(b) $1\frac{2}{3}$., one and two thirds.

(c) $7\frac{1}{2}$, seven and a half.

(d) $3\frac{1}{4}$, three and one quarter.

Pg 55 Ex11.

(a) $\frac{3}{6} = \frac{4}{8}$, $\frac{5}{10}$.

(b) $\frac{1}{4} = \frac{2}{8}$ $\frac{1}{5} = \frac{2}{10}$

(c) $\frac{1}{3} = \frac{2}{6}$, $\frac{3}{9}$.

(d) $\frac{2}{3}$, $\frac{4}{6}$, $\frac{6}{9}$.

Pg 56 Ex12

(a) 3 (b) 6. (c) 40 (d) 36.

(e) 40 (f) 24 (g) 1 (h) 108.

(i) 16 (j) 3 (k) 35 (l) 27.

(m) 4 (n) 36 (o) 12.

Pg 57 Ex13.

(a) $\frac{2\times2}{5\times2} = \frac{4}{10}$ $\frac{4\times2}{5\times2} = \frac{8}{10}$. , $\frac{1}{10}$, $\frac{3}{10}$.

A.O. $= \frac{1}{10}, \frac{3}{10}, \frac{4}{10}, \frac{8}{10} \rightarrow \frac{1}{10}, \frac{3}{10}, \frac{2}{5}, \frac{4}{5}$.

(b) $\frac{1\times4}{2\times4} = \frac{4}{8}$, $\frac{5}{8}$, $\frac{1\times2}{4\times2} = \frac{2}{8}$, $\frac{3}{8}$.

A.O. $= \frac{2}{8}, \frac{3}{8}, \frac{4}{8}, \frac{5}{8} \rightarrow \frac{1}{4}, \frac{3}{8}, \frac{1}{2}, \frac{5}{8}$.

Ex14

(a) $\frac{1}{6}$, $\frac{1\times2}{3\times2} = \frac{2}{6}$, $\frac{3}{6}$, $\frac{2\times2}{3\times2} = \frac{4}{6}$.

D.O. $= \frac{4}{6}, \frac{3}{6}, \frac{2}{6}, \frac{1}{6} \rightarrow \frac{2}{3}, \frac{3}{6}, \frac{1}{3}, \frac{1}{6}$

(b) $\frac{1\times2}{4\times2} = \frac{2}{8}$, $\frac{4\times2}{4\times2} = \frac{8}{8}$, $\frac{5}{8}$, $\frac{1}{8}$.

D.O. $= \frac{7}{8}, \frac{6}{8}, \frac{3}{8}, \frac{2}{8} \rightarrow \frac{7}{8}, \frac{3}{4}, \frac{3}{8}, \frac{1}{4}$.

Pg 58 Ex15

(a) $\frac{1}{2}$ (b) $\frac{1}{3}$ (c) $\frac{3}{5}\times\frac{2}{2} = \frac{6}{10}$, $\frac{7}{10}$.

(d) $\frac{2}{3}\times\frac{3}{3} = \frac{6}{9}$, $\frac{4}{9}$.

Pg 58 Ex16

(a) $\frac{5}{8}$, $\frac{1}{2}\times\frac{4}{4} = \frac{4}{8}$. (b) $\frac{2\times3}{3\times3} = \frac{6}{9}$, $\frac{5}{9}$

(c) $\frac{2\times2}{5\times2} = \frac{4}{10}$, $\frac{3}{10}$ (d) $\frac{2\times2}{3\times2} = \frac{4}{6}$, $\frac{5}{6}$.

Pg 59 Ex17

(b) $\frac{2+4}{7} = \frac{6}{7}$ (c) $\frac{2+3}{6} = \frac{5}{6}$.

(d) $\frac{3+2}{8} = \frac{5}{8}$ (e) $\frac{3+2}{9} = \frac{5}{9}$.

(f) $\frac{3+4}{10} = \frac{7}{10}$ (g) $\frac{1}{3}+\frac{1}{3} = \frac{2}{3}$.

Pg 60 Ex18

(b) $\frac{6-1}{7} = \frac{6}{7}$ (c) $\frac{5-3}{6} = \frac{2}{6}$.

(d) $\frac{7-3}{8} = \frac{4}{8}$ (e) $\frac{7-2}{9} = \frac{5}{9}$.

(f) $\frac{4-2}{5} = \frac{2}{5}$

Pg 61 Ex19

(b) $\frac{2}{8}+\frac{3}{8} = \frac{2+3}{8} = \frac{5}{8}$.

(c) $\frac{6}{10}+\frac{3}{10} = \frac{6+3}{10} = \frac{9}{10}$.

(d) $\frac{4}{8}+\frac{1}{8} = \frac{4+1}{8} = \frac{5}{8}$.

(e) $\frac{3}{8}+\frac{2}{8} = \frac{3+2}{8} = \frac{5}{8}$

Pg 62 Ex 20

(a) $\frac{6}{8}-\frac{3}{8} = \frac{6-3}{8} = \frac{3}{8}$.

(c) $\frac{5}{10}-\frac{4}{10} = \frac{5-4}{10} = \frac{1}{10}$

(d) $\frac{11}{12} - \frac{8}{12} = \frac{3}{12}$.

(e) $\frac{9}{15} - \frac{6}{15} = \frac{3}{15}$.

Pg 65 Ex 1

(a) q, P (b) V, X

Pg 66 Ex 2.

(a) d, a, b, c (b) d, b, a, c.

(c) c, a, b, d.

Pg 66 Ex 3.

(a)  (b)  (c) Yes.

Pg 67 Ex 4

Tick (2), (3)

Pg 67 Ex 5.

(a) smaller (b) right angle (c) grecter.

(d) right angle (e) smaller (f) right angle.

(g) smaller (h) greater (i) right angle.

Pg 68 Ex 1

 rectangle  circle  triangle  square.

Pg 70 Ex 2

(a) True (b) True (c) True. (d) True.

Pg 70 Ex 3

(a) Triangle (b) circle (c) Square (d) rectangle.

Pg 72 Ex 2

(a) cube (b) 3D (c) 6 (d) equal (e) 12 (f) 8

Pg 73 Ex 3.

(a) cuboid (b) 3D (c) 6 (d) not (e) 12 (f) 8

Pg 74 Ex 4

(a) cylinder (b) 3D (c) 2 (d) 1 (e) no.

Pg 75 Ex 5

(a) Sphee (b) 3D (c) round (d) no (e)

Pg 76 Ex ~

(a) cone (b) 3D (c) 1 (d) 1 (e) 1

Pg 77 Ex 7.

(a) cube - 6 - 12 - 8.

(b) cone - 1 - 0 - 1.

(c) cylinder - 2 - 0 - 0

(d) cuboid - 6 - 12 - 8.

(e) sphere - 0 - 0 - 0.

Pg 77 Ex 8.

(a) cone (b) Sphere (c) cylinder.

(d) cube. (e) cylinder (f) cone.

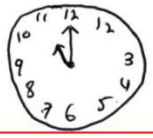
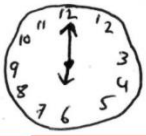
(g) cone (h) cube. (i) sphere.

Pg 78 Ex 1.

(a) four o'clock (b) Three o'clock.

(c) eight o'clock (d) Ten o'clock.

Pg 78 Ex 2

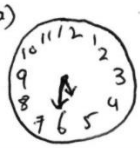
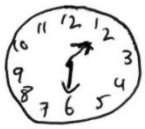
(a)  (b)  (c) 

Pg 79 Ex 3

(a) half past two (b) half past eight.

(c) half past nine.

Pg 79 Ex 4.

(a)   

Pg 80 Ex 5

(a) quarter past eleven (b) Quarter past seven

(c) Quarter past ten.

Pg 80 Ex 6

(a)  (b)  (c). 

Pg 81 Ex 7

(a) Quarter to five (b) Quarter to eight.

(c) Quarter to ten.

18.

Pg 81 Ex 6

(a) 

(b) 

(c) 

Pg 82 Ex 9

b) 8:25 → Twenty five minutes past eight.

c) 7:10 → Ten minutes past seven.

d) 3:50 → Ten minutes to four.

e) 8:50 → Ten minutes to nine.

f) 12:35 → Twenty five minutes to one.

g) 11:15 → Quarter past eleven.

h) 5:20 → Twenty minutes past five.

i) 3:55 → Five minutes to four.

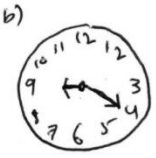
j) 3:25 → Twenty five minutes past three.

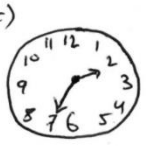
k) 10:40 → Twenty minutes to eleven.

l) 06:45 → Quarter to seven.

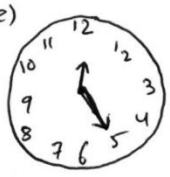
Pg 83 Ex 11

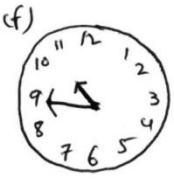
(a) 

(b) 

(c) 

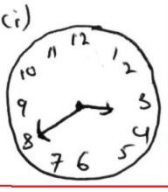
(d) 

(e) 

(f) 

(g) 

(h) 

(i) 

Pg 83 Ex 10

(a) 1:15 (b) 6:45 (c) 10:20 (d) 3:10

(e) 8:30 (f) 1:50 (g) 3:25 (h) 9:10

Pg 84 Ex 12

(a) Twenty five minutes to five.

(b) Five minutes past four.

Pg 86 Ex 1

(a) 12m (b) 27m (c) 53m (d) 91m.

(e) 4m (f) 78m (g) 54m (h) 17m.

(i) 27m (j) 140m (k) 445m (l) 440m

(m) 5m (n) 45m (o) 12m (p) 8m.

Pg 87 Ex 2A

1) 6cm 2) 5cm. 3) 14cm 4) 9cm 5) 4cm.

Pg 88 Ex 2B.

(a) 600 (b) 1000 (c) 1500 (d) 3200.

Pg 89 Ex 3.

(a) 7 (b) 14 (c) 53 (d) 2.5 or $2\frac{1}{2}$

(e) $4\frac{3}{4}$ (f) $9\frac{1}{2}$ (g) $14\frac{1}{2}$ (h) $25\frac{1}{4}$

Pg 89 Ex 4.

(a) 170cm (b) 480cm (c) 340cm (d) 250cm.

(e) 405cm (f) 507cm (g) 201cm (h) 608cm

Pg 90 Ex 5

(a) 1m 60cm (b) 8m 20cm (c) 4m 70cm (d) 5m 90cm

(e) 9m 5cm (f) 7m 8cm (g) 10m 80cm (h) 23m 10cm

Pg 91 Ex 6

(a) 104cm (b) 139cm (c) 575cm (d) 928cm.

Pg 91 Ex 7

(a) 5m 58cm (b) 5m 79cm (c) 29m 09cm

Pg 91 Ex 8

(a) 8m 80cm (b). 22m 20cm.

(c) 13m 51cm (d) 14m 80cm.

Pg 92 Ex 9

(a) 72cm (b) 3m 35cm (c) 12m 66cm.

(d) 52cm (e) 5m 67cm (f) 5m 49cm.

Pg 93 Ex 10

(a) 28m 16cm (b) 42m 63cm (c) 27m 14cm.

(d) 13m 20 (e) 13m 35cm (f) 63m 54cm.

Pg 94 Ex 11

(a) 9cm (b) 312cm (c) 4m 10cm.

(d) 9m 25cm (e) 12m 3cm (f) 7m 63cm

Pg 94 Ex 12

Tania = 1m 64.
Asha = (164 − 26) = 1m 38cm.

13) Has = 2m 50 = 250 cm.
Uses = 139cm.
left = (250 − 139) = 111cm = 1m 11cm.

14) Kevin = 1m 40cm.
John = (140 + 28) = 168 = 1m 68cm.

15) Distance = 11m 10cm.

$$\begin{array}{r} {}^{1}4{}^{1}{}^{1}m\,35 \\ +\ 6\ 75 \\ \hline 11m\ 1\ 0 \end{array}$$

16) 1 rope = 225
8 ropes = (225 × 8) = 1125cm
= 11m 25cm.

17) Detail = (145 × 4) = 580 cm
= 5m 80 cm.

18) 5 dress = 775cm.
1 dress = $\left(\frac{775}{5}\right)$ = 155cm
= 1m 55cm.

Pg 96 Ex 1

Jude → less.
Pump → more.
milk → 1 litre

coffee → less.
spoon → less.
bathes → more.

Pg 97 Ex 2

(a) 600 cl (b) 900 cl (c) 1700 cl (d) 2400cl

Pg 98 Ex 3

(a) 9L (b) 425 = 400 + 25
= $4\frac{1}{4}$

(c) 775 = 700 + 75
= $7\frac{3}{4}$

(d) 250 = 200 + 50
= $2\frac{1}{2}$.

Page 98 Ex 4

(a) 145 cl
1L 45cl

(b) 312 cl
3L 12cl

(c) 410 cl
4L 10cl.

(d) 821 cl
8L 21 cl

(e) 1040cl
10L 40cl

(f) 1583 cl
15L 83cl.

Pg 99 Ex 5

(a) 33 (b) 5L 45cl (c) 13L 85cl.
(d) 36 cl (e) 6L 36cl (f) 13L 85cl.

Pg 100 Ex 6

(a) 12L 84cl (b) 43L 61cl (c) 82L 16cl
(d) 20L 75cl (e) 75L 24cl (f) 49L 66cl

Pg 101 Ex 7

(a) 24cl (b) 90 cl (c) 6L 4cl.
(d) 2L 30cl (e) 10L 3cl (f) 2L 56cl.

Pg 102 Ex 8

capacity = (435 + 225) = 6L 60cl.

9) Total = (560 + 290 + 400) = 1210 = 12L 10cl

10) Total drinks = (150 + 200 + 75) = 425.
left = (500 − 425) = 75cl.

11) (270 × 6) = 1620 cl or 16L 20cl.

12) (33 × 5) = 165cl or 1L 65cl

13) $\frac{4635}{9}$ = 515cl or 5L 15cl.

14) (1025 × 7) = 7125cl or 71L 25cl.

15) 5 children = (35 × 5) = 175cl.
left = (565 − 175) = 390 cl or 3L 90cl.

Pg 104 Ex 1

1) 2 2) 7 3) 5 4) 1 5) 2 6) $2\frac{1}{2}$

Pg 104 Ex 2

(a) 200 (b) 400 (c) 600 (d) 900

Pg 105 Ex 3

(a) 9000 (b) 4000 (c) 12000 (d) 21000

Pg 106 Ex 4

(a) $\frac{2000}{1000}$ = 2 (b) 3250 = $\frac{3000}{1000}$ + $\frac{250}{1000}$
= $3\frac{1}{4}$.

(c) $\frac{12000}{1000}$ = 12 (d) 7500 = $\frac{7500}{100}$ = 75

10

Pg 106 Ex5

(a) 121 kg (b) 1673 g (c) 2425 g.

(d) 4035 g (e) 6kg 909g (f) 18 kg 245 g

Pg 107 Ex6

(a) 53 (b) 5kg 445g (c). 12 kg 850 g.

(d) 47g (e) 5kg 116g (f). 8 kg 785 g.

Pg 108 Ex7.

(a) 12 kg 900g (b) 44kg 835 g. (c) 74 kg 200g

(d) 14kg 480g (e) 18kg 450g (f) 18 kg 285g

Pg 109 Ex8

(a) 21g (b) 216 kg (c) 7 kg 080 g.

(d) 2kg 225g (e) 8kg 300g (f) 3kg 144g.

9) Total = (2750 + 1200) = 3kg 950g.

10) left = (5000 - 2225) = 2kg 775g.

11) 1 packet = 500.

9 packets = (500 x 9) = 4500 g

= 4kg 500g.

12) 1 slice = $\frac{2400}{6}$ = 400g.

13) 1 box = 975 g.

9 boxes = (975 x 9) = 8kg 775g.

14) 7 bags = 10150 g.

1 bag = $\frac{10150}{7}$ = 1kg 450g.

15) 1 lollipop = 35g.

200 lollipops = (35 x 200) = 7000 g

= 7 kg.

16) Casey = 65340.

(a) Alex = (65340 + 3786) = 69kg 126g.

(b) Both = (65340 + 69126) = 134kg 466g.

17 Has = 12kg = 12000g.

seals = 3396.

Remains = (12000 - 3396) = 8604 g

1 packet = $\frac{8604}{6}$ = 1434g

= 1kg 434g.

Pg 111 Ex1

(a) 5 (b) Tuesday (c) wednesday.

(d) (9 - 4) = 5 (e) (5+9+4+8+6) = 32.

2) (a) 4 (b) 5 (c) (6 - 4) = 2 (d) pizza.

(e) (6+4+5+7) = 22.

3) (a) (2x3) = 6 (b) (3x3) = 9 (c) Football.

(d) (4-2) = 2

2x3 = 6 ←

(e) (5+4+3+2) = 14.

In all = (14x3) = 42

4) (a) 7 (b) 4 (c) 6 (d) 3

(e) (6+4+3) = 13 (f) (13+7) = 20.

5) (a) (5x5) = 25 (b) Thursday.

(c) Friday (d) (4-2) = 2

(2x5) = 10 ←

(e) (5+4+4+6+3+4+2) = 28.

(28x5) = 140

6) (a) (5x5) = 25 (b) wednesday.

(c) Friday (d) Tuesday

(e) (3+4+2+5+6) = 20.

In all = (20x5) = 100.

7) (a) Liam (b) 12 (c) (8-6) = 2.

(d) Nora (e) (10+8+12+6) = 36.

8) (a) August (b) (45-35) = 10.

(c) June (d) July and August.

(e) (35+20+45+55+30) = 185

9) (a) 7 (b) Volleyball (c) $(5-4)=1$

(d) Basketball (e) $[7+3+6+4+5+8+2]$
$=35 \leftarrow$

10) (a) rabbit (b) $(7-5)=2$.

(c) hamster (d) $(9-4)=5$

(e) $[5+7+3+4+9+1] = 29$.

[12]