

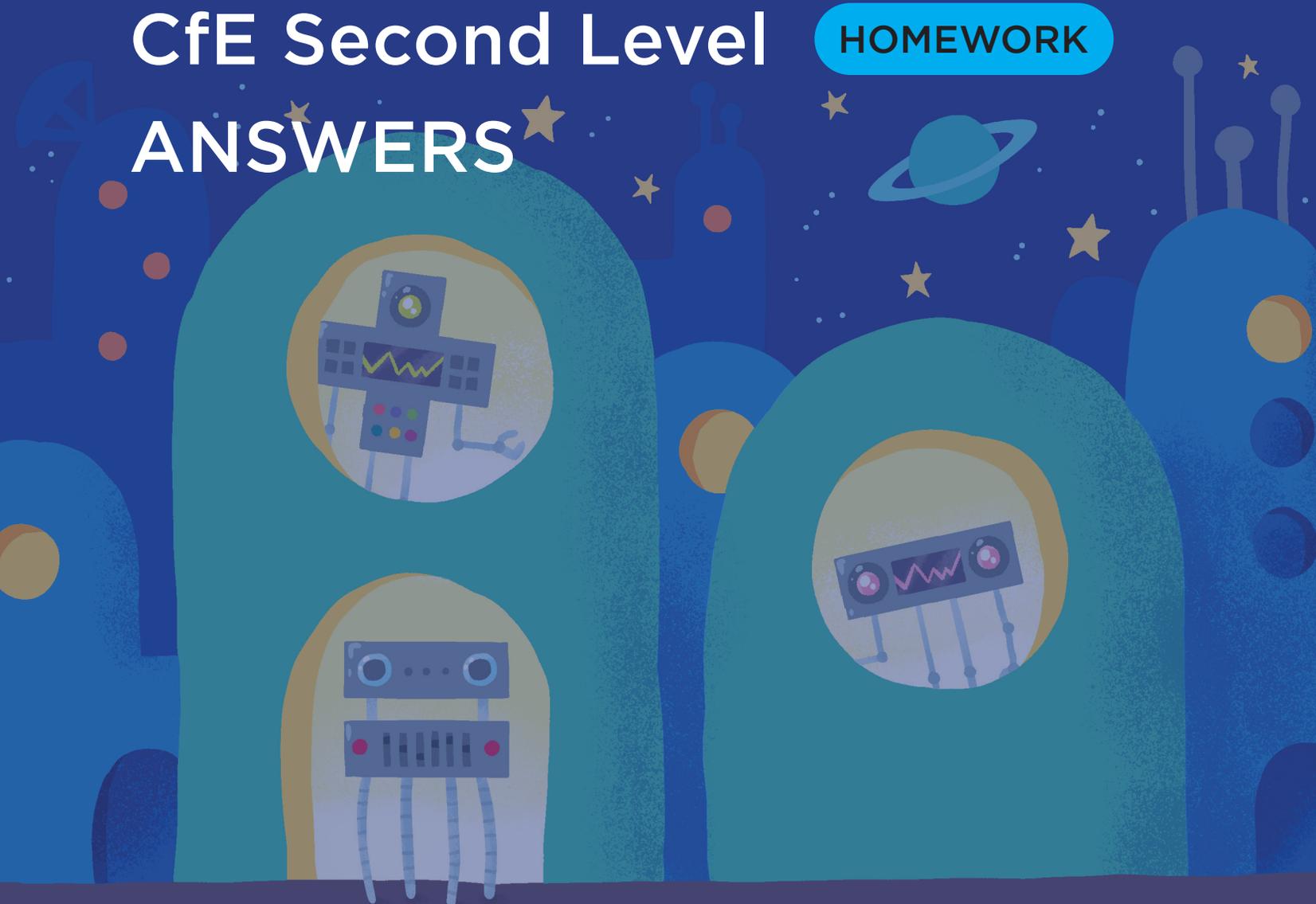
ZETA PRIMARY

# MATHS & NUMERACY

CfE Second Level

HOMEWORK

ANSWERS



## **Contents**

**CfE Second Level Homework 2A**

**CfE Second Level Homework 2B**

**CfE Second Level Homework 2C**

# Book 2A

## Homework 1

### A

- 6235
- Seven thousand, four hundred and sixty-nine
- Five thousands, three hundreds, seven tens and eight ones
- 5642, 5624, 5426, 5246

### B

- 5892
- Eight thousand, four hundred and twenty-seven
- Seven thousands, five hundreds and six ones
- 6248, 6428, 6482, 6824

### C

- 9143
- Three thousand, nine hundred and sixty-four
- Eight thousands, two hundreds and five ones
- 9753, 7953, 7539, 7359

### D

- 4617
- Nine thousand and twenty-six
- Four thousands, seven hundreds, four tens and eight ones
- 2164, 2416, 2461, 2614

**Challenge:** 86321

## Homework 2

### A

- |         |         |           |           |
|---------|---------|-----------|-----------|
| 1. 60   | 2. 40   | 3. 300    | 4. 600    |
| 5. 2000 | 6. 8000 | 7. 20 000 | 8. 20 000 |

### B

- |         |         |           |           |
|---------|---------|-----------|-----------|
| 1. 90   | 2. 50   | 3. 200    | 4. 800    |
| 5. 3000 | 6. 7000 | 7. 10 000 | 8. 50 000 |

### C

- |         |         |           |           |
|---------|---------|-----------|-----------|
| 1. 80   | 2. 20   | 3. 900    | 4. 600    |
| 5. 6000 | 6. 8000 | 7. 30 000 | 8. 60 000 |

### D

- |           |           |           |           |
|-----------|-----------|-----------|-----------|
| 1. 30     | 2. 110    | 3. 600    | 4. 800    |
| 5. 10 000 | 6. 11 000 | 7. 90 000 | 8. 10 000 |

**Challenge:** 36

## Homework 3

### A

- |                      |                      |
|----------------------|----------------------|
| 1. $20 + 30 = 50$    | 2. $80 - 30 = 50$    |
| 3. $60 - 20 = 40$    | 4. $200 + 300 = 500$ |
| 5. $500 - 400 = 100$ | 6. $900 - 200 = 700$ |

### B

- |                      |                      |
|----------------------|----------------------|
| 1. $40 + 30 = 70$    | 2. $90 - 20 = 70$    |
| 3. $10 + 30 = 40$    | 4. $200 + 700 = 900$ |
| 5. $800 - 400 = 400$ | 6. $200 + 400 = 600$ |

### C

- |                       |                      |
|-----------------------|----------------------|
| 1. $60 + 20 = 80$     | 2. $60 - 30 = 30$    |
| 3. $70 - 20 = 50$     | 4. $400 + 200 = 600$ |
| 5. $1000 - 400 = 600$ | 6. $100 + 500 = 600$ |

### D

- |                      |                       |
|----------------------|-----------------------|
| 1. $20 + 50 = 70$    | 2. $100 - 50 = 50$    |
| 3. $70 - 30 = 40$    | 4. $500 + 500 = 1000$ |
| 5. $300 - 100 = 200$ | 6. $100 + 300 = 400$  |

**Challenge:** 38

## Homework 4

### A

- |       |       |        |        |
|-------|-------|--------|--------|
| 1. 91 | 2. 53 | 3. 904 | 4. 318 |
|-------|-------|--------|--------|

### B

- |       |       |        |        |
|-------|-------|--------|--------|
| 1. 85 | 2. 55 | 3. 932 | 4. 522 |
|-------|-------|--------|--------|

### C

- |        |       |        |        |
|--------|-------|--------|--------|
| 1. 143 | 2. 35 | 3. 785 | 4. 416 |
|--------|-------|--------|--------|

### D

- |       |       |        |        |
|-------|-------|--------|--------|
| 1. 81 | 2. 45 | 3. 893 | 4. 247 |
|-------|-------|--------|--------|

**Challenge:** 18

## Homework 5

### A

- Seven thousand, five hundred and eighty-one
- 1940, 1490, 1409, 1094
- 40 000      4. 580      5. 199

### B

- Six thousand, four hundred and twenty-three
- 5097, 5670, 5709, 5960
- 30 000      4. 733      5. 477

### C

- Nine thousand and sixteen
- 8631, 8361, 3816, 3681
- 40 000      4. 366      5. 44

**D**

- Seven thousand and three
- 6293, 6923, 6932, 9623
- 20 000      4. 1099      5. 109

**Challenge:**  $6 \times 5 = 30$

**Homework 6****A**

- 4298      2. 10 827      3. 4767

**B**

- 10 194      2. 5405      3. 8571

**C**

- 8690      2. 3243      3. 10 863

**D**

- 10 915      2. 10 195      3. 8521

**Challenge:** 182

**Homework 7****A**

- 681      2. 7440      3. 4881

**B**

- 4238      2. 5325      3. 2832

**C**

- 2849      2. 4174      3. 4076

**D**

- 2778      2. 5479      3. 3255

**Challenge:**  $26 - 18 = 8$

**Homework 8****A**

- 348      2. 576      3. 4998      4. 5238

**B**

- 322      2. 333      3. 6888      4. 2634

**C**

- 378      2. 371      3. 2943      4. 7264

**D**

- 464      2. 774      3. 5425      4. 3276

**Challenge:** 180

**Homework 9****A**

- $480 + 18 = 498$
- $4000 + 160 + 48 = 4208$
- $2100 + 350 + 14 = 2464$

**B**

- $350 + 42 = 392$
- $2700 + 810 + 63 = 3573$
- $4800 + 60 + 54 = 4914$

**C**

- $320 + 24 = 344$
- $3600 + 720 + 45 = 4365$
- $500 + 450 + 30 = 980$

**D**

- $630 + 45 = 675$
- $4200 + 60 + 24 = 4284$
- $1400 + 490 + 35 = 1925$

**Challenge:** 30

**Homework 10****A**

- $400 + 200 = 600$       2. 89
- 29      4. 50 000

**B**

- $200 + 600 = 800$       2. 48
- 1554      4. 70 000

**C**

- $700 + 200 = 900$       2. 182
- 524      4. 50 000

**D**

- $100 + 600 = 700$       2. 184
- 1314      4. 80 000

**Challenge:** 13456

**Homework 11****A**

- 210      2. 132      3. 123
- 92      5. 109      6. 86

**B**

- 163      2. 129      3. 119
- 104      5. 115      6. 108

**C**

- 147      2. 114      3. 103
- 88      5. 87      6. 73

**D**

- 128      2. 119      3. 112
- 111      5. 144      6. 131

**Challenge:** 9 whole packs and 1 left over

## Homework 12

### A

1. 360                      2. 2090                      3. 900  
4. 4600                     5. 7000                     6. 19 000

### B

1. 480                        2. 5030                        3. 2700  
4. 8100                      5. 12 000                      6. 35 000

### C

1. 720                        2. 6180                        3. 4300  
4. 9600                      5. 14 000                      6. 73 000

### D

1. 850                        2. 1300                        3. 6200  
4. 1300                      5. 26 000                      6. 84 000

**Challenge:** 1270

## Homework 13

### A

1. 74                         2. 235                         3. 69  
4. 324                        5. 5                             6. 81

### B

1. 96                         2. 453                         3. 84  
4. 276                        5. 17                            6. 132

### C

1. 128                        2. 715                        3. 93  
4. 647                        5. 24                            6. 75

### D

1. 536                        2. 91                            3. 685  
4. 34                           5. 18                           6. 107

**Challenge:** 75

## Homework 14

### A

1. 8, 16, 24, 32, 40                      2. 20, 40, 60, 80, 100  
3. 1, 2, 3, 4, 6, 12                        4. 1, 3, 7, 21

### B

1. 6, 12, 18, 24, 30                      2. 40, 80, 120, 160, 200  
3. 1, 2, 3, 6, 9, 18                        4. 1, 2, 5, 10, 25, 50

### C

1. 7, 14, 21, 28, 35                      2. 31, 62, 93, 124, 155  
3. 1, 2, 4, 11, 22, 44                      4. 1, 5, 11, 55

### D

1. 9, 18, 27, 36, 45                      2. 25, 50, 75, 100, 125

3. 1, 2, 4, 13, 26, 52

4. 1, 2, 17, 34

**Challenge:** 30

## Homework 15

### A

1. 124                        2. 95                            3. 75 000  
4. 39                           5. 1, 2, 4, 8, 16                      6. 14

### B

1. 89                           2. 106                           3. 34 000  
4. 57                           5. 1, 3, 9, 27, 81                      6. 27

### C

1. 46                           2. 67                            3. 71 000  
4. 58                           5. 1, 3, 5, 9, 15, 45  
6. 18

### D

1. 51                           2. 84                            3. 59 000  
4. 47                           5. 1, 2, 4, 7, 14, 28  
6. 36

**Challenge:** 6 and 9

## Homework 16

### A

1. Multiple Answers                      2. Multiple Answers  
3.  $\frac{7}{15}$                         4.  $\frac{7}{10}$                             5.  $\frac{7}{8}$

### B

1. Multiple Answers                      2. Multiple Answers  
3.  $\frac{8}{15}$                         4.  $\frac{2}{3}$                             5.  $\frac{1}{7}$

### C

1. Multiple Answers                      2. Multiple Answers  
3.  $\frac{7}{12}$                         4.  $\frac{9}{13}$                             5.  $\frac{5}{9}$

### D

1. Multiple Answers                      2. Multiple Answers  
3.  $\frac{10}{12}$  or  $\frac{5}{6}$                       4.  $\frac{3}{5}$                             5.  $\frac{6}{7}$

**Challenge:**  $\frac{1}{2} = \frac{3}{6}$  and  $\frac{1}{3} = \frac{2}{6}$  so,  $\frac{1}{2} > \frac{1}{3}$

## Homework 17

### A

1. 7                            2. 7                            3. 6                            4. 3  
5. 4                            6. 4                            7. <

### B

1. 7                            2. 5                            3. 4                            4. 11  
5. 4                            6. 3                            7. <



**D**

1. £1.28      2. 3:20      3. 1:10

**Challenge:** 72p

**Homework 23****A**

1. 3:05      2. 10:35      3. 20:15      4. 02:40  
5. 6:35 am      6. 5:55 pm      7. 4 hours and 20 mins

**B**

1. 6:15      2. 4:40      3. 15:45      4. 07:15  
5. 9:30 pm      6. 9:10 am      7. 4 hours and 30 mins

**C**

1. 7:25      2. 3:55      3. 06:20      4. 23:20  
5. 9:45 am      6. 8:15 pm      7. 4 hours and 45 mins

**D**

1. 8:10      2. 5:50      3. 19:50      4. 00:05  
5. 3:30 am      6. 4:40 pm      7. 4 hours and 35 mins

**Challenge:** Discuss with your teacher

**Homework 24****A**

1. 30      2. 45      3. 70      4. 90  
5. 5      6. 1200      7. 25      8. Acute

**B**

1. 350      2. 550      3. 720      4. 140  
5. 9      6. 8700      7. 9.2      8. Obtuse

**C**

1. 330      2. 360      3. 420      4. 630  
5. 12      6. 2500      7. 37      8. Reflex

**D**

1. 625      2. 675      3. 825      4. 530  
5. 63      6. 9100      7. 56      8. Reflex

**Homework 25****A**

1. 55      2. 21.5, 15.5, 15.2, 12.5  
3. 37      4. 238      5.  $\frac{10}{21}$       6.  $\frac{4}{5}$

**B**

1. 17      2. 17.9, 17.4, 16.9, 16.4  
3. 56      4. 498      5.  $\frac{3}{7}$       6.  $\frac{3}{4}$

**C**

1. 29      2. 17.8, 17.5, 17.1, 15.9  
3. 96      4. 243      5.  $\frac{9}{10}$       6.  $\frac{7}{8}$

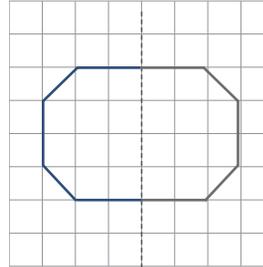
**D**

1. 6      2. 68.5, 65.8, 65.5, 58.6  
3. 158      4. 408      5.  $\frac{2}{7}$       6.  $\frac{10}{11}$

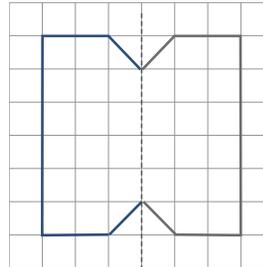
**Challenge:**  $\frac{9}{20}$

**Homework 26****A**

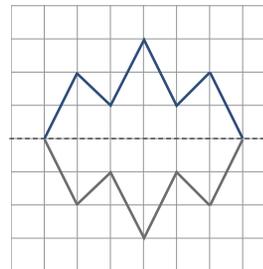
1. West      2. West  
3.

**B**

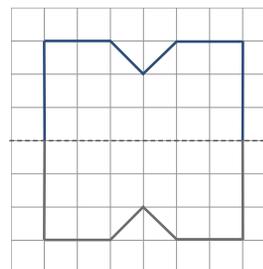
1. West      2. West  
3.

**C**

1. East      2. West  
3.

**D**

1. South      2. South  
3.



**Challenge:** East

## Homework 27

### A

1.  $A = 81 \text{ cm}^2$ ,  $P = 36 \text{ cm}$
2.  $A = 21 \text{ cm}^2$ ,  $P = 20 \text{ cm}$
3.  $A = 24 \text{ cm}^2$ ,  $P = 22 \text{ cm}$

### B

1.  $A = 400 \text{ m}^2$ ,  $P = 80 \text{ m}$
2.  $A = 24 \text{ cm}^2$ ,  $P = 20 \text{ cm}$
3.  $A = 40 \text{ m}^2$ ,  $P = 28 \text{ m}$

### C

1.  $A = 900 \text{ m}^2$ ,  $P = 120 \text{ m}$
2.  $A = 56 \text{ cm}^2$ ,  $P = 30 \text{ cm}$
3.  $A = 15 \text{ cm}^2$ ,  $P = 16 \text{ cm}$

### D

1.  $A = 2500 \text{ m}^2$ ,  $P = 200 \text{ m}$
2.  $A = 90 \text{ m}^2$ ,  $P = 38 \text{ m}$
3.  $A = 96 \text{ cm}^2$ ,  $P = 40 \text{ cm}$

**Challenge:** 11 cm

## Homework 28

### A

A (14,6)    B (4,14)    C (13,17)    D (6,2)    E (18,11)

### B

F (1,6)    G (8,5)    H (11,12)    I (6,10)    J (18,3)

### C

K (0,19)    L (9,16)    M (19,20)    N (2,12)    P (2,2)

### D

Q (16,13)    R (20,5)    T (10,8)    V (12,0)    W (7,18)

**Challenge:** (5, 8)

## Homework 29

### A

1. 95, 102, 109
2. 140, 131, 122
3.  $81 - 50 = 31$
4.  $7 \times 6 = 42$

### B

1. 474, 486, 498
2. 911, 891, 871
3.  $90 + 30 = 120$
4.  $40 = 8 \times 5$

### C

1. 817, 917, 1017
2. 587, 578, 569
3.  $27 + 37 = 64$
4.  $45 = 5 \times 9$

### D

1. 242, 262, 282
2. 61, 49, 37
3.  $200 - 130 = 70$
4.  $9 \times 8 = 72$

**Challenge:** 15

## Book 2B

### Homework 1

#### A

1. 942 406
2. One thousand, one hundred, four tens and one one
3. 14 817, 14 187, 14 178

#### B

1. 520 507
2. Two thousands, two hundreds, one ten and two ones
3. 24 503, 24 305, 23 405

#### C

1. 326 571
2. One thousand, four hundreds and two tens
3. 104 478, 104 487, 104 807

#### D

1. 253 016
2. One thousand, one hundred, eight tens and three ones
3. 725 165, 725 516, 725 615

**Challenge:** 8 200 000 000

### Homework 2

#### A

1. 100 000
2. 400 000
3. £6
4. £33
5.  $200 + 400 = \text{£}600$
6.  $700 - 200 = \text{£}500$

#### B

1. 300 000
2. 500 000
3. £7
4. £13
5.  $300 + 600 = \text{£}900$
6.  $900 - 200 = \text{£}700$

#### C

1. 200 000
2. 900 000
3. £9
4. £80
5.  $600 + 300 = \text{£}900$
6.  $700 - 200 = \text{£}500$

#### D

1. 500 000
2. 500 000
3. £2
4. £86
5.  $100 + 600 = \text{£}700$
6.  $900 - 100 = \text{£}800$

**Challenge:**  $6 \times 9 = 54$ ,  $110 - 46 = 64$  so  $64 > 54$

### Homework 3

#### A

1. 64 917
2. 22 305
3. 24 522

**B**

1. 77 631      2. 38 335      3. 32 414

**C**

1. 99 268      2. 37 785      3. 22 625

**D**

1. 42 434      2. 15 594      3. 14 428

**Challenge:** 506

**Homework 4****A**

1. 120      2. 71      3. 101      4. 37  
5. 34      6. 24      7. 125 784

**B**

1. 92      2. 92      3. 103      4. 34  
5. 36      6. 48      7. 108 492

**C**

1. 91      2. 54      3. 105      4. 37  
5. 35      6. 58      7. 97 313

**D**

1. 103      2. 81      3. 95      4. 49  
5. 26      6. 5      7. 112 410

**Challenge:** 49 – 37

**Homework 5****A**

1.  $70\,000 + 5000 + 300 + 0 + 8$   
2.  $100 + 200 = \text{£}300$   
3.  $\frac{5}{6}$       4.  $\frac{11}{12}$       5.  $\frac{2}{3}$       6.  $\frac{4}{5}$

**B**

1.  $20\,000 + 4000 + 900 + 10 + 6$   
2.  $100 + 400 = \text{£}500$   
3.  $\frac{10}{11}$       4.  $\frac{3}{4}$       5.  $\frac{2}{3}$       6.  $\frac{3}{5}$

**C**

1.  $30\,000 + 3000 + 700 + 60 + 5$   
2.  $300 + 200 = \text{£}500$   
3.  $\frac{5}{6}$       4.  $\frac{3}{7}$       5.  $\frac{7}{9}$       6.  $\frac{7}{10}$

**D**

1.  $40\,000 + 1000 + 500 + 70 + 8$   
2.  $400 + 200 = \text{£}600$   
3.  $\frac{3}{4}$       4.  $\frac{2}{5}$       5.  $\frac{12}{13}$       6.  $\frac{2}{3}$

**Challenge:**  $\frac{26}{32}$

**Homework 6****A**

1. 22 092      2. 41 896      3. 56 223

**B**

1. 59 384      2. 33 355      3. 48 312

**C**

1. 39 222      2. 34 614      3. 37 723

**D**

1. 83 502      2. 47 538      3. 36 064

**Challenge:** 72

**Homework 7****A**

1. 216      2. 406      3. 243      4. 360  
5. 414      6. 511      7. 106      8. 94

**B**

1. 477      2. 496      3. 234      4. 588  
5. 414      6. 280      7. 67      8. 87

**C**

1. 261      2. 486      3. 592      4. 448  
5. 546      6. 114      7. 127      8. 69

**D**

1. 399      2. 516      3. 441      4. 744  
5. 196      6. 204      7. 83      8. 91

**Challenge:** 9 full boxes and 3 pencils left over.

**Homework 8****A**

1. 42 563      2. 52 149      3. 68 539 r4      4. 58 142

**B**

1. 109 034      2. 96 459      3. 203 921      4. 89 127 r3

**C**

1. 57 428 r7      2. 170 953      3. 65 128      4. 116 478

**D**

1. 134 780 r5      2. 41 840 r2      3. 74 189      4. 84 197

**Challenge:**  $96 \div 3 = 32$

**Homework 9****A**

1. 1040      2. 7200      3. 136 000

**B**

1. 1890            2. 9000            3. 145 000

**C**

1. 420            2. 15 500            3. 52 000

**D**

1. 820            2. 7500            3. 124 000

**Challenge:** £1.80

**Homework 10****A**

1. Multiple Answers  
 2.  $\frac{2}{3}$             3.  $\frac{4}{5}$             4. 15  
 5. 28            6. 573 000            7. 291

**B**

1. Multiple Answers  
 2.  $\frac{5}{7}$             3.  $\frac{3}{5}$             4. 25  
 5. 35            6. 251 000            7. 874

**C**

1. Multiple Answers  
 2.  $\frac{1}{2}$             3.  $\frac{3}{4}$             4. 32  
 5. 35            6. 48 000            7. 532

**D**

1. Multiple Answers  
 2.  $\frac{9}{11}$             3.  $\frac{3}{4}$             4. 14  
 5. 72            6. 640 000            7. 316

**Challenge:**  $\frac{12}{18} = \frac{2}{3}$

**Homework 11****A**

1. 32            2. 13            3. 13

**B**

1. 16            2. 14            3. 16

**C**

1. 12            2. 17            3. 9

**D**

1. 32            2. 14            3. 13

**Challenge:** 9 small bags

**Homework 12****A**

1. 782            2. 350            3. 1386            4. 2226

**B**

1. 336            2. 775            3. 1344            4. 1479

**C**

1. 952            2. 1014            3. 1634            4. 3363

**D**

1. 1872            2. 4810            3. 5332            4. 6365

**Challenge:** 79

**Homework 13****A**

1. -14, -12, -11, -9, 4, 6, 13    2. -19, -15, -7, -2, 3, 8, 11  
 3. -20, -13, -6, -1, 9, 14, 18  
 4. <            5. >            6. >            7. <

**B**

1. -17, -12, -8, -3, 7, 10, 19    2. -18, -16, -9, -5, 4, 13, 17  
 3. -19, -14, -8, -4, 5, 12, 15  
 4. >            5. <            6. <            7. >

**C**

1. 16, 9, 6, -7, -10, -11, -18    2. 20, 13, 11, -3, -9, -17, -19  
 3. 15, 8, 5, -4, -6, -13, 17  
 4. >            5. <            6. >            7. >

**D**

1. 18, 12, 7, 0, -1, -9, -12    2. 19, 17, 10, 6, -5, -8, -12  
 3. 18, 15, 13, 9, -4, -7, -11  
 4. <            5. >            6. <            7. <

**Challenge:**  $-13^{\circ}\text{C}$

**Homework 14****A**

1. 14            2. 24            3. 20            4. 30  
 5. 15            6. 40

**B**

1. 14            2. 18            3. 40            4. 45  
 5. 25            6. 36

**C**

1. 32            2. 30            3. 16            4. 50  
 5. 21            6. 42

**D**

1. 45            2. 28            3. 30            4. 42  
 5. 6            6. 33

**Challenge:**  $-3^{\circ}\text{C}$

## Homework 15

### A

1. 125 436                      2.  $100 + 600 = \text{£}700$   
3. 14, 12, 8, -5, -12, -16, -17   4. 21

### B

1. 952            2. 1066            3. 600 000   4. 900 000  
5.  $20\,000 + 9000 + 700 + 80 + 9$

### C

1. 092 226 r1                      2.  $200 + 700 = \text{£}900$   
3. -11, -9, -8, -6, 13, 15, 16   4. 35

### D

1. 575            2. 816            3. 300 000   4. 700 000  
5.  $50\,000 + 4000 + 800 + 60 + 3$

**Challenge:**  $\frac{1}{4} = \frac{5}{20}$  and  $\frac{2}{5} = \frac{8}{20}$  so  $\frac{2}{5} > \frac{1}{4}$

## Homework 16

### A

1. 30.63            2.  $3 + 0.6 + 0.05$    3.  $5 + 0.3 + 0.04$   
4. 3.21, 3.12, 2.33            5. 7.84, 4.87, 4.78

### B

1. 50.24            2.  $2 + 0.1 + 0.06$    3.  $7 + 0.9 + 0.04$   
4. 5.83, 5.38, 3.58            5. 6.52, 6.25, 5.26

### C

1. 70.91            2.  $4 + 0.3 + 0.05$    3.  $6 + 0 + 0.08$   
4. 2.89, 2.9, 2.98            5. 6.45, 6.5, 6.54

### D

1. 62.05            2.  $1 + 0.7 + 0.06$    3.  $3 + 0.2 + 0.06$   
4. 0.08, 0.18, 0.81            5. 9.3, 9.34, 9.43

**Challenge:** 1.92

## Homework 17

### A

1. 5.82            2. 4.26            3. 12.25            4. 1.23

### B

1. 8.39            2. 4.08            3. 8.63            4. 3.27

### C

1. 12.04            2. 7.13            3. 13.23            4. 2.66

### D

1. 11.98            2. 5.16            3. 14.26            4. 1.48

**Challenge:** 4

## Homework 18

### A

1. 21.2            2. 38.28            3. 0.53  
4. 1.08            5. 8.5            6. 6.4

### B

1. 14.36            2. 55.44            3. 0.84  
4. 0.67            5. 5.25            6. 6.5

### C

1. 48.4            2. 15.63            3. 1.59  
4. 1.07            5. 10.5            6. 13.5

### D

1. 50.49            2. 61.15            3. 0.87  
4. 2.57            5. 19.5            6. 8.5

**Challenge:**  $\text{£}2.25$

## Homework 19

### A

1. 26            2. 3.37            3. 4160  
4. 5525            5. 2.63            6. 0.08

### B

1. 48            2. 2.75            3. 623  
4. 1971            5. 3.45            6. 0.13

### C

1. 74            2. 5.29            3. 637  
4. 4715            5. 1.28            6. 0.07

### D

1. 596            2. 30.37            3. 1247  
4. 908            5. 7.15            6. 0.36

**Challenge:**  $\text{£}5.10$

## Homework 20

### A

1. 0.53            2. 0.75            3. 12            4. 28  
5.  $\frac{5}{11}$             6.  $\frac{4}{5}$             7. 0.15, 0.5, 0.51

### B

1. 1.62            2. 1.18            3. 20            4. 24  
5.  $\frac{3}{4}$             6.  $\frac{3}{5}$             7. 0.02, 0.12, 0.21

### C

1. 1.22            2. 0.81            3. 14            4. 72  
5.  $\frac{5}{8}$             6.  $\frac{3}{4}$             7. 7.9, 7.98, 7.99

### D

1. 0.95            2. 1.60            3. 28            4. 48

5.  $\frac{2}{3}$       6.  $\frac{8}{9}$       7. 6.04, 6.4, 6.44

**Challenge:** 1500 cm<sup>2</sup>

### Homework 21

#### A

1.  $\frac{3}{10}$       2.  $\frac{9}{10}$       3. 60%      4. 90%  
5. 0.41      6. 0.79      7. 70%      8. 92%

#### B

1.  $\frac{1}{4}$       2.  $\frac{3}{5}$       3. 90%      4. 70%  
5. 0.63      6. 0.05      7. 40%      8. 56%

#### C

1.  $\frac{7}{10}$       2.  $\frac{11}{20}$       3. 44%      4. 30%  
5. 0.24      6. 0.67      7. 30%      8. 89%

#### D

1.  $\frac{1}{20}$       2.  $\frac{19}{20}$       3. 90%      4. 15%  
5. 0.09      6. 0.52      7. 2%      8. 7%

**Challenge:** 45%, 0.42,  $\frac{41}{100}$ ,  $\frac{2}{5}$

### Homework 22

#### A

1.  $24 \div 2 = 12$       2.  $170 \div 10 = 17$   
3.  $120 \div 5 = 24$       4.  $64 \div 4 = 16$   
5.  $200 \div 4 \times 3 = 150$       6.  $140 \div 10 \div 2 = 7$

#### B

1.  $68 \div 2 = 34$       2.  $220 \div 10 = 22$   
3.  $36 \div 3 = 12$       4.  $28 \div 4 = 7$   
5.  $400 \div 4 \times 3 = 300$       6.  $6200 \div 100 = 62$

#### C

1.  $38 \div 2 = 19$       2.  $520 \div 10 = 52$   
3.  $550 \div 5 = 110$       4.  $44 \div 4 = 11$   
5.  $300 \div 4 \times 3 = 225$       6.  $260 \div 10 \div 2 = 13$

#### D

1.  $200 \div 2 = 100$       2.  $860 \div 10 = 86$   
3.  $120 \div 3 = 40$       4.  $440 \div 4 = 110$   
5.  $160 \div 4 \times 3 = 120$       6.  $3800 \div 100 = 38$

### Homework 23

#### A

1. 3:35      2. 8:20      3. 330 mins      4. 135 mins  
5. 150 secs      6. 75 secs      7. 4 hours and 40 mins

#### B

1. 7:45      2. 1:30      3. 75 mins      4. 165 mins  
5. 45 secs      6. 210 secs      7. 5 hours and 20 mins

#### C

1. 1:40      2. 7:10      3. 90 mins      4. 375 mins  
5. 105 secs      6. 450 secs      7. 3 hours and 50 mins

#### D

1. 8:55      2. 12:15      3. 75 mins      4. 270 mins  
5. 570 secs      6. 195 secs      7. 7 hours and 5 mins

### Homework 24

#### A

1. 8500 metres      2. 4 kilometres      3. 4600 grams  
4. 2.5 kilograms      5. 13 600 millilitres  
6. 5.7 litres      7.  $\frac{1}{2} \times 6 \times 5 = 15 \text{ cm}^2$

#### B

1. 2300 metres      2. 3.4 kilometres      3. 5600 grams  
4. 7.4 kilograms      5. 15 900 millilitres  
6. 9.8 litres      7.  $\frac{1}{2} \times 10 \times 6 = 30 \text{ m}^2$

#### C

1. 4700 metres      2. 2.7 kilometres      3. 3200 grams  
4. 34 kilograms      5. 900 millilitres  
6. 9.65 litres      7.  $\frac{1}{2} \times 10 \times 8 = 40 \text{ m}^2$

#### D

1. 2010 metres      2. 5.4 kilometres      3. 700 grams  
4. 0.125 kilograms      5. 5010 millilitres  
6. 0.63 litres      7.  $\frac{1}{2} \times 12 \times 8 = 48 \text{ cm}^2$

**Challenge:** 1440 minutes

### Homework 25

#### A

1. 15      2. 25      3. 300  
4. -19, -8, -5, -2, 10, 16, 17      5. 50

#### B

1. 18      2. 28      3. 40  
4. -19, -14, -7, -5, 3, 9, 12      5. 70

#### C

1. 24      2. 45      3. 95  
4. 18, 14, 7, 5, -2, -4, -16      5. 42

#### D

1. 56      2. 16      3. 1500  
4. 15, 13, 8, -3, -6, -17, -20      5. 130

**Challenge:** 18 pages left to read

### Homework 26

#### A

1. 30      2. 70      3. north-east

4. north-west    5. north-west

**B**

1. 20                      2. 50                      3. south-east  
4. south                    5. east

**C**

1. 75                      2. 45                      3. south  
4. east                     5. north-east

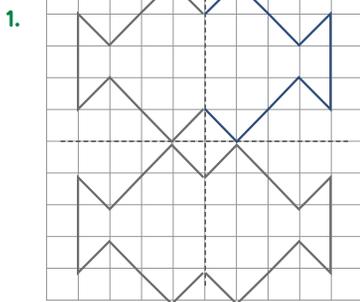
**D**

1. 45                      2. 93                      3. south-east  
4. north-west          5. north-east

**Challenge:** Isosceles triangle

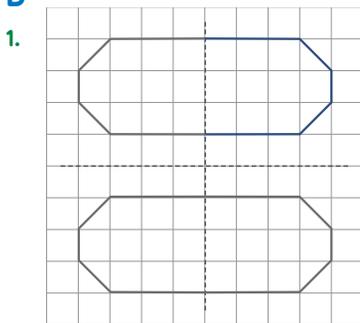
**Homework 27**

**A**



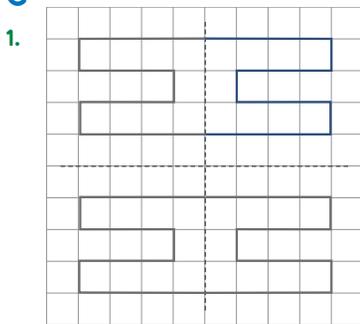
2. 1                      3. 1

**B**



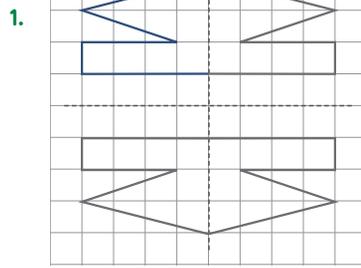
2. 0                      3. 1

**C**



2. 1                      3. 1

**D**



2. 1                      3. 3

**Challenge:** Each sweet costs 13p

**Homework 28**

**A**

1. 14                      2. 27                      3. 7                      4. 35  
5. 15                      6. 27                      7. 30                      8. 50

**B**

1. 2                      2. 17                      3. 5                      4. 27  
5. 21                      6. 47                      7. 12                      8. 31

**C**

1. 14                      2. 21                      3. 17                      4. 29  
5. 18                      6. 20                      7. 23                      8. 40

**D**

1. 3                      2. 23                      3. 17                      4. 27  
5. 12                      6. 40                      7. 25                      8. 55

**Challenge:** £5.25

**Homework 29**

**A**

1.  $\frac{4}{5}$                       2. 27                      3. 48                      4. 400  
5. 2 hours 35 mins                      6. 13.5                      7. 3.5

**B**

1.  $\frac{7}{10}$                       2. 61                      3. 50                      4. 0.2  
5. 7 hours 25 mins                      6. 9.5                      7. 1.23

**C**

1.  $\frac{2}{3}$                       2. 8                      3. 40                      4. 2500  
5. 5 hours 40 mins                      6. 0.67                      7. 4.8

**D**

1.  $\frac{7}{10}$                       2. 173                      3. 90                      4. 0.3  
5. 2 hours 15 mins                      6. 9.5                      7. 1.54

**Challenge:** = 10, = 12, = 2

# Book 2C

## Homework 1

### A

1.  $80 + 230 = \text{£}310$       2.  $550 - 330 = \text{£}220$   
3.  $300 + 300 = \text{£}600$       4.  $800 - 300 = \text{£}500$

### B

1.  $70 + 160 = \text{£}230$       2.  $430 - 300 = \text{£}130$   
3.  $200 + 400 = \text{£}600$       4.  $900 - 500 = \text{£}400$

### C

1.  $110 + 260 = \text{£}370$       2.  $520 - 200 = \text{£}320$   
3.  $300 + 300 = \text{£}600$       4.  $900 - 100 = \text{£}800$

### D

1.  $330 + 180 = \text{£}510$       2.  $640 - 320 = \text{£}320$   
3.  $400 + 200 = \text{£}600$       4.  $1000 - 200 = \text{£}800$

**Challenge:** Many answers including 4017, 4026, 4035, 4503, 4800

## Homework 2

### A

1. 76 041      2. 128 142      3. 215 128

### B

1. 68 417      2. 119 334      3. 315 479

### C

1. 69 621      2. 137 712      3. 314 849

### D

1. 62 789      2. 118 219      3. 426 459

**Challenge:**  $6531 + 599 = 7030$ ,  $8451 - 1512 = 6939$   
false as  $7030 < 6939$

## Homework 3

### A

1. 28      2. 12      3.  $10^\circ$       4.  $65^\circ$   
5. (a) 80%      (b) 45%      6.  $\frac{4}{5}$

### B

1. 35      2. 8      3.  $25^\circ$       4.  $40^\circ$   
5. (a) 30%      (b) 15%      6.  $\frac{3}{4}$

### C

1. 30      2. 72      3.  $58^\circ$       4.  $14^\circ$   
5. (a) 90%      (b) 16%      6.  $\frac{1}{3}$

### D

1. 52      2. 22      3.  $42^\circ$       4.  $48^\circ$   
5. (a) 60%      (b) 44%      6.  $\frac{3}{4}$

**Challenge:**  $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}, \frac{7}{8}$

## Homework 4

### A

1. 60 990 r6      2. 56 360 r6  
3. 143 004 r0      4. 38 404 r3

### B

1. 101 993 r3      2. 88 746 r2  
3. 55 515 r3      4. 99 178 r6

### C

1. 105 120 r2      2. 103 314 r5  
3. 101 733 r7      4. 108 049 r1

### D

1. 116 247 r0      2. 84 323 r6  
3. 120 303 r4      4. 32 969 r3

**Challenge:**  $95 - 31 = 64$

## Homework 5

### A

1. 1380      2. 13 500      3. 212 000

### B

1. 1520      2. 14 500      3. 186 000

### C

1. 1480      2. 6600      3. 50 000

### D

1. 1450      2. 12 300      3. 90 000

**Challenge:**  $\text{£}6$

## Homework 6

### A

1. 245 000      2. 369      3. 8.04  
4. 1.55      5. Multiple Answers  
6. 14

### B

1. 43 800      2. 7520      3. 11.45  
4. 5.77      5. Multiple Answers  
6. 36

### C

1. 14 000      2. 275      3. 8.06  
4. 3.46      5. Multiple Answers  
6. 63

**D**

- 915 000
- 31
- 12.04
- 4.36
- Multiple Answers
- 56

**Challenge:** 8**Homework 7****A**

- 24
- 12
- 9

**B**

- 17
- 9
- 14

**C**

- 11
- 32
- 9

**D**

- 9
- 9
- 32

**Challenge:** 4159**Homework 8****A**

- 13 230
- 14 694

**B**

- 19 388
- 16 642

**C**

- 11 310
- 9162

**D**

- 32 508
- 17 135

**Challenge:**  $125 \div 5 = 25$ **Homework 9****A**

- 116 247 r0
- 400
- $27^\circ$
- 40
- 0.19
- $\frac{5}{11}$
- $\frac{8}{9}$

**B**

- 115 027 r4
- 0.5
- $73^\circ$
- 24
- 0.25
- $\frac{1}{2}$
- $\frac{5}{8}$

**C**

- 121 888 r2
- 730
- $65^\circ$
- 52
- 0.9
- $\frac{1}{3}$
- $\frac{3}{5}$

**D**

- 94 625 r2
- 3700
- $29^\circ$
- 330
- 0.22
- $\frac{5}{8}$
- $\frac{1}{3}$

**Challenge:** 61p**Homework 10****A**

- 20, 40, 60, 80
- 3: 3, 6, 9, 12, 15, 18  
lcm = 15
- 1, 2, 4, 5, 10, 20
- 5: 5, 10, 15, 20, 25, 30
- 18.5
- 1.07

**B**

- 17, 34, 51, 68
- 2: 2, 4, 6, 8, 10, 12  
lcm = 8
- 1, 2, 4, 7, 14, 28
- 8: 8, 16, 24, 32, 40, 48
- 2.25
- 4.6

**C**

- 16, 32, 48, 64
- 4: 4, 8, 12, 16, 20, 24  
lcm = 28
- 1, 2, 3, 6, 9, 18
- 7: 7, 14, 21, 28, 35, 42
- 0.56
- 1.5

**D**

- 23, 46, 69, 92
- 6: 6, 12, 18, 24, 30, 36  
lcm = 18
- 1, 2, 5, 10, 25, 50
- 9: 9, 18, 27, 36, 45, 54
- 1.75
- 11.2

**Challenge:** 32, 44, 45, 50, 52**Homework 11****A**

- $\frac{12}{24}, \frac{15}{24}, \frac{16}{24}$
- $\frac{12}{18}, \frac{11}{18}, \frac{10}{18}$
- 40

**B**

- $\frac{26}{50}, \frac{30}{50}, \frac{35}{50}$
- $\frac{10}{12}, \frac{9}{12}, \frac{8}{12}$
- 28

**C**

- $\frac{6}{12}, \frac{7}{12}, \frac{9}{12}$
- $\frac{21}{24}, \frac{20}{24}, \frac{19}{24}$
- 32

**D**

- $\frac{12}{18}, \frac{14}{18}, \frac{15}{18}$
- $\frac{33}{42}, \frac{32}{42}, \frac{30}{42}$
- 450

**Challenge:**  $\frac{1}{5}, 0.205, \frac{22}{100}, 25\%$ **Homework 12****A**

- 476
- 828
- 1, 2, 4, 7, 14, 28
- 40

**B**

- 574
- 945
- 1, 2, 3, 4, 6, 12
- 36

**C**

1. 574      2. 810      3. 1, 3, 5, 9, 15, 45  
4. 24

**D**

1. 944      2. 756      3. 1, 3, 5, 15, 25, 75  
4. 63

**Challenge:** 48 has 10 factors and 50 has 6. Answer is 48

**Homework 13****A**

1. 6.81      2. 8.451      3. 3.27      4. 2.688

**B**

1. 9.08      2. 4.689      3. 3.82      4. 3.285

**C**

1. 8.37      2. 9.002      3. 2.69      4. 1.059

**D**

1. 11.32      2. 15.86      3. 1.29      4. 0.275

**Challenge:**  $\frac{83}{100} > \frac{4}{5}$  as  $\frac{4}{5} = \frac{80}{100}$

**Homework 14****A**

1. 49.3      2. 4.494      3. 2.058      4. 4.32  
5. 125.5

**B**

1. 27.92      2. 18.856      3. 1.998      4. 2.016  
5. 27.5

**C**

1. 35.21      2. 28.485      3. 2.932      4. 1.771  
5. 68.25

**D**

1. 30.16      2. 32.088      3. 2.552      4. 1.555  
5. 32.25

**Challenge:**  $43 \times 5 = 215$

**Homework 15****A**

1. (a) 70%      (b) 65%      2. 1 hour 50 mins  
3. 5:55      4. 8:25

**B**

1. (a) 40%      (b) 6%      2. 4 hours 38 mins  
3. 2:35      4. 9:10

**C**

1. (a) 30%      (b) 55%      2. 5 hours 44 mins  
3. 3:05      4. 11:45

**D**

1. (a) 36%      (b) 16%      2. 6 hour 24 mins  
3. 6:50      4. 8:05

**Challenge:**  $7 \times 24 \times 60 = 10\ 080$  minutes

**Homework 16****A**

1. 10.67      2. 0.694      3. 520.9  
4. 0.0872      5. 11 427      6. 0.214

**B**

1. 23.08      2. 0.756      3. 481.2  
4. 0.0934      5. 145 201      6. 0.037

**C**

1. 34.19      2. 0.872      3. 1691.7  
4. 0.00678      5. 14 065      6. 0.009

**D**

1. 52.14      2. 0.961      3. 7806.9  
4. 0.0318      5. 18 372      6. 0.007

**Challenge:**  $120 - 12 \times 4 = 72$

**Homework 17****A**

1. 60%      2. 40%      3. 60%      4. 84%

**B**

1. 30%      2. 90%      3. 55%      4. 80%

**C**

1. 30%      2. 23%      3. 60%      4. 44%

**D**

1. 80%      2. 30%      3. 70%      4. 25%

**Challenge:**  $\frac{48}{60} = \frac{16}{20}$  so  $\frac{48}{60} < \frac{17}{20}$

**Homework 18****A**

1. 100      2. 17      3. 22  
4. 0.408, 0.804, 0.84      5. 60

**B**

1. 120      2. 28      3. 62  
4. 0.560, 0.605, 0.650      5. 24

**C**

1. 60                    2. 5                    3. 20  
4. 1.021, 1.102, 1.201                    5. 42

**D**

1. 70                    2. 20                    3. 32  
4. 2.059, 2.095, 2.509                    5. 45

**Challenge:** 26 games

**Homework 19****A**

1. 320                    2. 925                    3. 490  
4. 87                    5. 426                    6. 48.5

**B**

1. 380                    2. 842                    3. 400  
4. 154                    5. 690                    6. 73.5

**C**

1. 440                    2. 672                    3. 628  
4. 106                    5. 540                    6. 42

**D**

1. 460                    2. 863                    3. 600  
4. 127                    5. 930                    6. 0.9

**Challenge:** One part = 0.12 metres.  
 $3 \times 0.12 = 0.36$  metres

**Homework 20****A**

1. 117                    2. 3800

**B**

1. 54                    2. 5100

**C**

1. 91                    2. 5390

**D**

1. 378                    2. 7980

**Challenge:** 1 tin costs £1.35. 6 tins cost £8.10

**Homework 21****A**

1. 29 424                    2. 0.04                    3. 82  
4. 12%                    5. 22%                    6. 90

**B**

1. 20 292                    2. 0.03                    3. 1030  
4. 70%                    5. 60%                    6. 20

**C**

1. 27 324                    2. 0.005                    3. 71  
4. 68%                    5. 46%                    6. 0.04

**D**

1. 69 056                    2. 0.026                    3. 101  
4. 20%                    5. 85%                    6. 2010

**Challenge:** Older model costs £520

**Homework 22****A**

1.  $15 + 12 = 27$                     2.  $4 + 5 = 9$   
3.  $24 - 5 = 19$                     4.  $25 - 20 = 5$   
5.  $8 + 6 = 14$                     6.  $72 - 7 = 65$

**B**

1.  $24 + 24 = 48$                     2.  $3 + 4 = 7$   
3.  $35 - 6 = 29$                     4.  $20 - 16 = 4$   
5.  $29 + 4 = 33$                     6.  $56 - 8 = 48$

**C**

1.  $35 + 32 = 67$                     2.  $9 + 9 = 18$   
3.  $27 - 3 = 24$                     4.  $25 - 21 = 4$   
5.  $90 - 5 = 85$                     6.  $77 - 9 = 68$

**D**

1.  $28 + 50 = 78$                     2.  $6 + 9 = 15$   
3.  $36 - 6 = 30$                     4.  $20 - 15 = 5$   
5.  $39 + 4 = 43$                     6.  $81 - 7 = 74$

**Challenge:**  $6 \times 4 + 12 - 6 = 72$

**Homework 23****A**

1. (a)  $120 + 36 = 156$  mins (b)  $240 + 20 = 260$  mins  
2. (a)  $300 + 18 = 318$  secs (b)  $120 + 42 = 162$  secs  
3. 21:45

**B**

1. (a)  $180 + 12 = 192$  mins (b)  $120 + 40 = 160$  mins  
2. (a)  $120 + 12 = 132$  secs (b)  $240 + 54 = 294$  secs  
3. 21:50

**C**

1. (a)  $240 + 24 = 264$  mins (b)  $60 + 45 = 105$  mins  
2. (a)  $420 + 6 = 426$  secs (b)  $600 + 12 = 612$  secs  
3. 17:08

**D**

1. (a)  $300 + 36 = 336$  mins (b)  $360 + 18 = 378$  mins

2. (a)  $180 + 54 = 234$  secs (b)  $300 + 24 = 324$  secs  
 3. 12:25

**Challenge:** The train left at 15:56

### Homework 24

#### A

- |                             |                   |
|-----------------------------|-------------------|
| 1. area = $24 \text{ cm}^2$ | perimeter = 20 cm |
| 2. $40 + 36 = 76$           | 3. $6 + 7 = 13$   |
| 4. 116 519 r5               | 5. $29^\circ$     |

#### B

- |                            |                  |
|----------------------------|------------------|
| 1. area = $24 \text{ m}^2$ | perimeter = 22 m |
| 2. $9 + 70 = 79$           | 3. $9 - 3 = 6$   |
| 4. 68 627 r1               | 5. $68^\circ$    |

#### C

- |                             |                   |
|-----------------------------|-------------------|
| 1. area = $18 \text{ mm}^2$ | perimeter = 22 mm |
| 2. $-10 + 60 = 50$          | 3. $56 - 6 = 50$  |
| 4. 82 182 r3                | 5. $76^\circ$     |

#### D

- |                             |                     |
|-----------------------------|---------------------|
| 1. area = $50 \text{ cm}^2$ | perimeter = 30 cm   |
| 2. $-30 + 40 = 10$          | 3. $11 + 600 = 611$ |
| 4. 39 585 r5                | 5. $4^\circ$        |

**Challenge:** Rectangle =  $45 \text{ cm}^2$ , Square =  $49 \text{ cm}^2$   
 Square is larger

### Homework 25

#### A

- |          |           |          |
|----------|-----------|----------|
| 1. 20 cm | 2. 110 mm | 3. 32 cm |
| 4. 124 m | 5. 24 cm  |          |

#### B

- |          |          |          |
|----------|----------|----------|
| 1. 30 cm | 2. 320 m | 3. 48 cm |
| 4. 320 m | 5. 60 cm |          |

#### C

- |          |          |           |
|----------|----------|-----------|
| 1. 45 cm | 2. 53 mm | 3. 112 cm |
| 4. 124 m | 5. 72 cm |           |

#### D

- |          |          |          |
|----------|----------|----------|
| 1. 15 cm | 2. 430 m | 3. 84 cm |
| 4. 1.8 m | 5. 120 m |          |

**Challenge:** 1175 millilitres

### Homework 26

#### A

1.  $216 \text{ cm}^3$  2.  $288 \text{ cm}^3$  3. 650 mm 4. 1190 mm

#### B

1.  $343 \text{ cm}^3$  2.  $270 \text{ m}^3$  3. 2.4 cm 4. 62.8 cm

#### C

1.  $512 \text{ cm}^3$  2.  $168 \text{ m}^3$  3. 1080 m 4. 6904 m

#### D

1.  $729 \text{ cm}^3$  2.  $896 \text{ m}^3$  3. 95.213 km 4. 506.147 km

**Challenge:** 12 bags

### Homework 27

#### A

- |          |             |           |          |
|----------|-------------|-----------|----------|
| 1. 18 m  | 2. 192 mins | 3. 0.0156 | 4. 83150 |
| 5. 0.023 | 6. 14       | 7. 15:52  |          |

#### B

- |          |        |        |
|----------|--------|--------|
| 1. 124 m | 2. 56  | 3. 12  |
| 4. 64    | 5. 76% | 6. 82% |

#### C

1. 1073 2. 493 3. 96 4.  $32^\circ$  5.  $69^\circ$

#### D

- |                             |                   |
|-----------------------------|-------------------|
| 1. area = $35 \text{ cm}^2$ | perimeter = 24 cm |
| 2. $-10 + 27 = 17$          | 3. $7 + 42 = 49$  |
| 4. 36                       | 5. 23.31 6. 2.184 |

**Challenge:** One tile =  $100 \text{ cm}^2$   
 Wall area =  $240 \times 160 = 38\,400 \text{ cm}^2$   
 Tiles =  $38\,400 \div 100 = 384$

### Homework 28

#### A

- |               |               |             |
|---------------|---------------|-------------|
| 1. A (16, 14) | 2. B (10, 19) | 3. C (3, 2) |
| 4. D (8, 0)   | 5. E (3, 15)  |             |

#### B

- |               |              |             |
|---------------|--------------|-------------|
| 1. F (17, 10) | 2. G (13, 6) | 3. H (2, 6) |
| 4. I (9, 8)   | 5. J (0, 8)  |             |

#### C

- |               |              |               |
|---------------|--------------|---------------|
| 1. K (18, 3)  | 2. L (5, 18) | 3. M (11, 13) |
| 4. N (19, 19) | 5. P (5, 11) |               |

#### D

- |              |               |              |
|--------------|---------------|--------------|
| 1. Q (14, 2) | 2. R (20, 12) | 3. T (1, 20) |
| 4. V (6, 16) | 5. W (15, 17) |              |

**Challenge:** (7, 6)

## Homework 29

### A

- |       |       |       |       |
|-------|-------|-------|-------|
| 1. 24 | 2. 55 | 3. 39 | 4. 7  |
| 5. 6  | 6. 3  | 7. 20 | 8. 18 |

### B

- |       |       |        |       |
|-------|-------|--------|-------|
| 1. 35 | 2. 62 | 3. 24  | 4. -1 |
| 5. 8  | 6. 3  | 7. 100 | 8. 14 |

### C

- |       |        |       |        |
|-------|--------|-------|--------|
| 1. 70 | 2. 250 | 3. 51 | 4. -14 |
| 5. 6  | 6. 12  | 7. 28 | 8. 40  |

### D

- |       |       |       |        |
|-------|-------|-------|--------|
| 1. 75 | 2. 72 | 3. 75 | 4. -19 |
| 5. 12 | 6. 3  | 7. 18 | 8. 30  |

**Challenge:**  = 6,  = 32,  = 13

ZETA PRIMARY

# MATHS & NUMERACY

CfE Second Level Homework

ANSWERS