

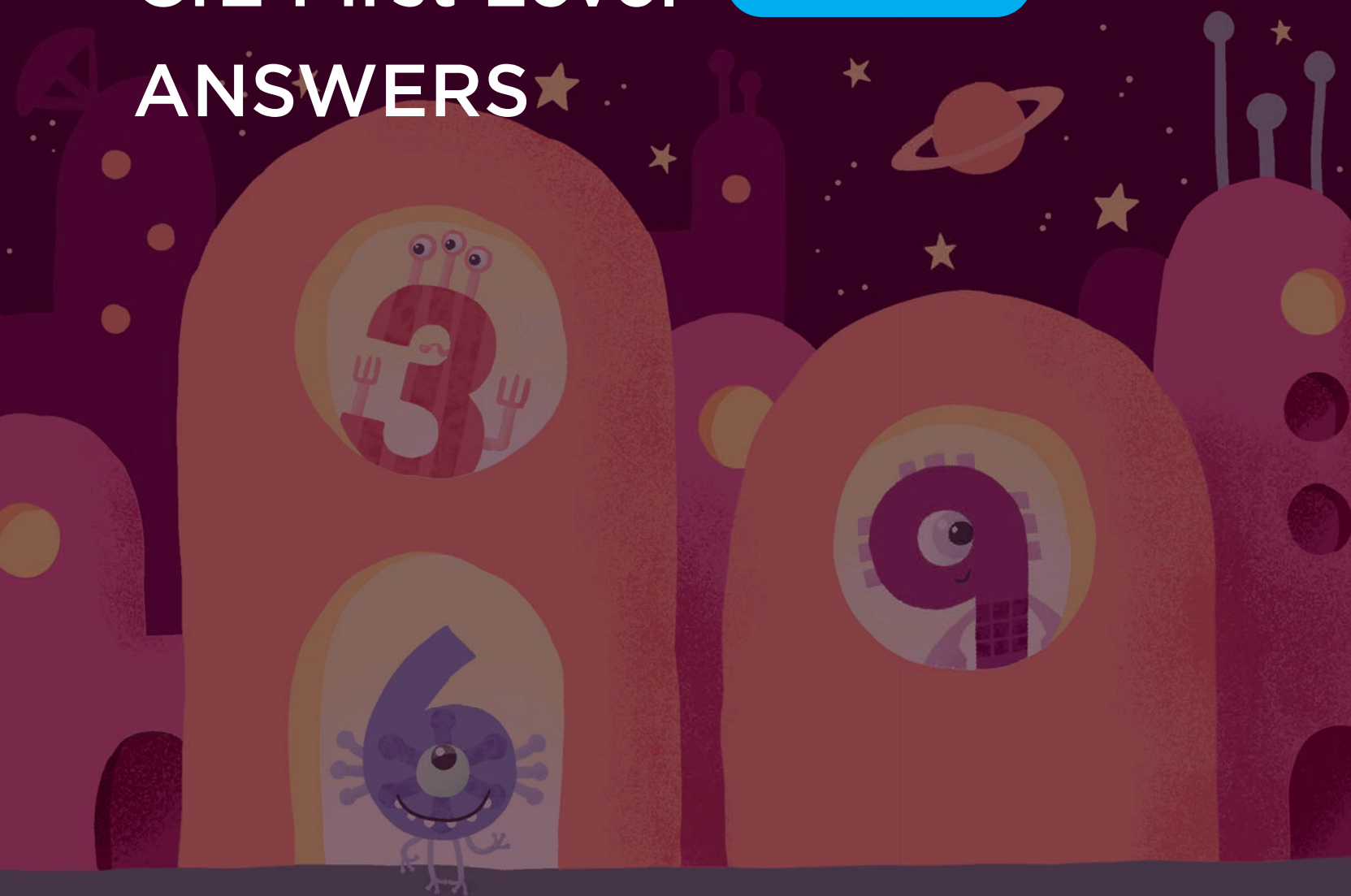
ZETA PRIMARY

MATHS & NUMERACY

CfE First Level

HOMework

ANSWERS



Contents

CfE First Level Homework 1A

CfE First Level Homework 1B

CfE First Level Homework 1C

Book 1A

Homework 1

A

- | | | |
|---------|-----------|-----------------|
| 1. Five | 2. Twelve | 3. Twenty-three |
| 4. 15 | 5. 9 | 6. 43 |

B

- | | | |
|---------|--------------|----------------|
| 1. Four | 2. Seventeen | 3. Thirty-five |
| 4. 7 | 5. 12 | 6. 68 |

C

- | | | |
|----------|-----------|--------------|
| 1. Three | 2. Eleven | 3. Fifty-two |
| 4. 19 | 5. 90 | 6. 36 |

D

- | | | |
|----------|------------|----------------|
| 1. Eight | 2. Fifteen | 3. Forty-seven |
| 4. 16 | 5. 89 | 6. 100 |

Homework 2

A

- | | | | |
|------|-------|-------|-------|
| 1. 9 | 2. 17 | 3. 23 | 4. 32 |
|------|-------|-------|-------|

B

- | | | | |
|-------|-------|-------|-------|
| 1. 12 | 2. 15 | 3. 16 | 4. 15 |
|-------|-------|-------|-------|

C

- | | | | |
|------|-------|-------|-------|
| 1. 7 | 2. 25 | 3. 31 | 4. 43 |
|------|-------|-------|-------|

D

- | | | | |
|-------|-------|-------|-------|
| 1. 12 | 2. 38 | 3. 38 | 4. 57 |
|-------|-------|-------|-------|

Homework 3

A

- | | |
|---------------|---------------|
| 1. 20, 21, 22 | 2. 36, 37, 38 |
| 3. 10, 9, 8 | 4. 42, 41, 40 |

B

- | | |
|---------------|---------------|
| 1. 26, 27, 28 | 2. 59, 60, 61 |
| 3. 26, 25, 24 | 4. 54, 53, 52 |

C

- | | |
|---------------|---------------|
| 1. 52, 53, 54 | 2. 19, 20, 21 |
| 3. 33, 32, 31 | 4. 58, 57, 56 |

D

- | | |
|---------------|---------------|
| 1. 74, 75, 76 | 2. 83, 84, 85 |
| 3. 69, 68, 67 | 4. 86, 85, 84 |

Homework 4

A

- | | |
|-------------------|-------------------|
| 1. 14, 17, 21, 23 | 2. 55, 48, 43, 22 |
| 3. 56, 38 | 4. 55, 31, 51 |

B

- | | |
|------------------|------------------|
| 1. 6, 14, 27, 62 | 2. 37, 22, 16, 9 |
| 3. 16, 72, 38 | 4. 41, 99, 67 |

C

- | | |
|-------------------|-------------------|
| 1. 81, 84, 85, 87 | 2. 66, 63, 60, 6 |
| 3. 30, 48 | 4. 65, 43, 57, 63 |

D

- | | |
|------------------|------------------|
| 1. 9, 19, 91, 99 | 2. 51, 50, 15, 5 |
| 3. 92, 2, 22 | 4. 33, 3, 83 |

Homework 5

A

- | | |
|------------------|---------------|
| 1. Eighteen | 2. 11 |
| 3. 3, 11, 21, 45 | 4. 26, 27, 28 |

B

- | | |
|------------------|---------------|
| 1. 37 | 2. 18 |
| 3. 91, 19, 11, 9 | 4. 28, 27, 26 |

C

- | | |
|------------------|---------------|
| 1. Forty-six | 2. 23 |
| 3. 9, 13, 17, 61 | 4. 55, 56, 57 |

D

- | | |
|-------------------|---------------|
| 1. 59 | 2. 21 |
| 3. 73, 71, 37, 17 | 4. 19, 18, 17 |

Homework 6

A

- | | |
|---------------------------|---------------------------|
| 1. 10 + 5 = 15 | 2. 3 tens and 2 ones = 32 |
| 3. 36 = 3 tens and 6 ones | 4. 24 = 2 tens and 4 ones |

B

- | | |
|--------------------------|---------------------------|
| 1. 20 + 4 = 24 | 2. 2 tens and 6 ones = 26 |
| 3. 51 = 5 tens and 1 one | 4. 12 = 1 ten and 2 ones |

C

- | | |
|--------------------------|---------------------------|
| 1. 10 + 9 = 19 | 2. 4 tens and 1 one = 41 |
| 3. 8 = 0 tens and 8 ones | 4. 59 = 5 tens and 9 ones |

D

- | | |
|---------------------------|---------------------------|
| 1. 20 + 7 = 27 | 2. 5 tens and 3 ones = 53 |
| 3. 67 = 6 tens and 7 ones | 4. 81 = 8 tens and 1 one |

Homework 7

A

- | | | |
|-------|-------|-------|
| 1. 10 | 2. 0 | 3. 10 |
| 4. 0 | 5. 60 | 6. 30 |

B

1. 10 2. 0 3. 0
4. 10 5. 40 6. 60

C

1. 10 2. 0 3. 20
4. 10 5. 40 6. 70

D

1. 10 2. 0 3. 20
4. 10 5. 80 6. 80

Homework 8**A**

1. 16 2. 15 3. 17
4. 5 5. 10 6. 8

B

1. 15 2. 16 3. 19
4. 7 5. 5 6. 11

C

1. 18 2. 20 3. 19
4. 12 5. 8 6. 9

D

1. 14 2. 19 3. 20
4. 7 5. 5 6. 6

Homework 9**A**

1. $6 + 8 = 14$ 2. $12 - 8 = 4$ 3. 40
4. 20 5. 40 6. 11

B

1. $8 + 7 = 15$ 2. $11 - 4 = 7$ 3. 80
4. 20 5. 20 6. 10

C

1. $9 + 2 = 11$ 2. $15 - 6 = 9$ 3. 100
4. 10 5. 40 6. 4

D

1. $9 + 8 = 17$ 2. $15 - 13 = 2$ 3. 90
4. 30 5. 0 6. 6

Homework 10**A**

1. 20 2. $10 - 6 = 4$ 3. Fifty
4. 8, 18, 80, 81 5. $75 = 7$ tens and 5 ones

B

1. 21 2. $11 + 7 + 18$ 3. 68

4. 74, 47, 44, 18 5. $20 = 2$ tens and 0 ones

C

1. 23 2. $20 - 14 = 6$ 3. Forty-three
4. 2, 12, 21, 22 5. $48 = 4$ tens and 8 ones

D

1. 19 2. $11 + 6 = 17$ 3. 26
4. 96, 66, 60, 6 5. $93 = 9$ tens and 3 ones

Homework 11**A**

1. 10, 12, 14 2. 15, 20, 25 3. 30, 40, 50
4. 16, 14, 12 5. 30, 25, 20 6. 70, 60, 50

B

1. 16, 18, 20 2. 25, 30, 35 3. 50, 60, 70
4. 26, 24, 22 5. 45, 40, 35 6. 90, 80, 70

C

1. 32, 34, 36 2. 50, 55, 60 3. 85, 95, 105
4. 84, 82, 80 5. 50, 45, 40 6. 49, 39, 29

D

1. 46, 48, 50 2. 85, 90, 95 3. 106, 116, 126
4. 30, 28, 26 5. 55, 50, 45 6. 69, 59, 49

Homework 12**A**

1. 5 groups of 8 counters 2. 5

B

1. 2 groups of 7 counters 2. 9

C

1. 10 groups of 4 counters 2. 4

D

1. 5 groups of 5 counters 2. 3

Homework 13**A**

1. 2 rows of 3 columns

2.

(a) $2 \times 8 = 16$ (b) $5 \times 3 = 15$

B

1. 2 rows of 10 columns

2.

(a) $2 \times 5 = 10$ (b) $5 \times 4 = 20$

C

1. 3 rows of 10 columns

2.

(a) $2 \times 7 = 14$

(b) $5 \times 5 = 25$

D

1. 4 rows of 10 columns

2.

(a) $2 \times 8 = 16$

(b) $5 \times 7 = 35$

Homework 14

A

1. 10 2. 14 3. 20

4. 10 5. 60 6. 80

B

1. 4 2. 8 3. 40

4. 35 5. 30 6. 70

C

1. 6 2. 12 3. 25

4. 45 5. 20 6. 50

D

1. 16 2. 18 3. 15

4. 5 5. 100 6. 90

Homework 15

A

1. 10 2. 62, 64, 66 3. 19

4. $12 - 4 = 8$ 5. 90 6. 60

B

1. 0 2. 45, 40, 35 3. 0

4. $7 + 10 = 17$ 5. 50 6. 20

C

1. 10 2. 30, 40, 50 3. 20

4. $16 - 9 = 7$ 5. 100 6. 14

D

1. 0 2. 58, 56, 54 3. 9

4. $9 + 9 = 18$ 5. 40 6. 40

Homework 16

A

1. 3 squares coloured

2. 4 3. 2, 3

B

1. 5 squares coloured

2. 3 3. $3\frac{1}{2}, 4\frac{1}{2}$

C

1. 6 squares coloured

2. 6 3. $3, 3\frac{1}{2}$

D

1. 9 squares coloured in

2. 5 3. $9, 9\frac{1}{2}$

Homework 17

A

1. 1 square coloured in

2. 7 3. $2\frac{2}{4}, 3$

B

1. 2 squares coloured in

2. 6 3. $9\frac{1}{4}, 9\frac{3}{4}$

C

1. 9 squares coloured in

2. 10 3. $4\frac{2}{4}, 4\frac{3}{4}$

D

1. 12 squares coloured in

2. 11 3. $8\frac{3}{4}, 9\frac{1}{4}$

Homework 18

A

1. 3 2. 5 3. 10

4. 3 5. 2 6. 5

B

1. 7 2. 12 3. 15

4. 4 5. 6 6. 8

C

1. 11 2. 14 3. 18

4. 1 5. 7 6. 10

D

1. 50 2. 30 3. 20

4. 20 5. 9 6. 11

Homework 19

A

1. 13p 2. Multiple answers

3. 8p 4. Multiple answers

B

1. 12p 2. Multiple answers

3. 13p 4. Multiple answers

C

1. 30p
2. Multiple answers
3. 16p
4. Multiple answers

D

1. 18p
2. Multiple answers
3. 3p
4. Multiple answers

Homework 20

A

1. 3 squares coloured in
2. 8
3. 4
4. 19
5. $20 - 9 = 11$

B

1. 2 squares coloured in
2. 30
3. 3
4. 12
5. $9 + 8 = 17$

C

1. 4 squares coloured in
2. 70
3. 5
4. 20
5. $18 - 10 = 8$

D

1. 6 squares coloured in
2. 40
3. 4
4. 8
5. $3 + 12 = 15$

Homework 21

A

1. 1 o'clock
2. 10:30
3. 3 hours

B

1. Half past eight
2. 1:00
3. 4 hours

C

1. 4 o'clock
2. 2:30
3. 5 hours

D

1. Half past eleven
2. 7:00
3. 9 hours

Homework 22

A

1. 30 minutes
2. 11:30
3. 3

B

1. 11:30
2. 30
3. 31

C

1. 12:30
2. 60
3. 4

D

1. 1:30
2. 3 hours
3. 6

Homework 23

A

1. Apple, brick, bike, car
2. Cow

B

1. Mouse, apple, basketball, horse
2. Elephant

C

1. Car, snake, pencil
2. Balloon

D

1. Car, bike, brick, apple
2. Basketball

Homework 24

A

1. needs image
2. 32, 36, 40
3. 35, 40, 45, 50, 55, 60

B

1. needs image
2. 27, 24, 21
3. 21, 31, 41, 51, 61, 71

C

1. needs image
2. 35, 40, 45
3. 48, 44, 40, 36, 32, 28

D

1. needs image
2. 18, 16, 14
3. 100, 90, 80, 70, 60, 50

Homework 25

A

1. 6 squares coloured in
2. 7, 8, 17, 23
3. 16
4. 6
5. $9 + 7 = 16$

B

1. 3 squares coloured in
2. 31, 28, 15, 5
3. 32
4. 5
5. $17 - 2 = 15$

C

1. 5 squares coloured in
2. 50, 56, 60, 65
3. 35
4. 12
5. $12 + 8 = 20$

D

1. 12 squares coloured in

2. 51, 15, 11, 5

3. 70

4. 3

5. $7 + 8 = 15$

Homework 26

A

1. $2 < 3$

2. $2 + 2 > 3$

3. $5 - 2 = 3$

4. $6 + 4 > 9$

5. $5 + 2 < 8$

B

1. $5 > 4$

2. $8 - 3 > 4$

3. $3 - 2 = 1$

4. $10 + 4 > 12$

5. $5 + 8 < 15$

C

1. $2 < 3$

2. $2 + 2 > 3$

3. $5 - 2 = 3$

4. $6 + 4 > 9$

5. $5 + 2 < 8$

D

1. $6 < 11$

2. $6 + 9 < 16$

3. $17 - 9 < 12$

4. $8 + 5 > 4 + 6$

5. $17 - 9 < 11 + 2$

Homework 27

A

1. Triangle

2. 1 side, 0 corners

3. Cuboid

4. Cylinder

5. True

B

1. Rectangle

2. 4 sides, 4 corners

3. Cube

4. 6 faces, 12 edges

5. True

C

1. Circle

2. 3 sides, 3 corners

3. Cone

4. Cone

5. True

D

1. Pentagon

2. 6 sides, 6 corners

3. Sphere

4. 5 faces, 8 edges

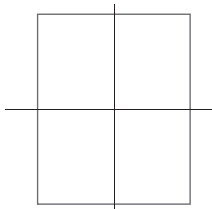
5. False

Homework 28

A

1. Yes

2.



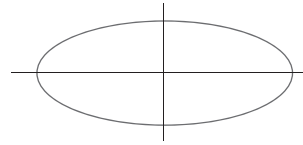
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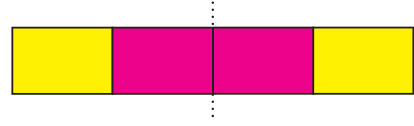
B

1. Yes

2.



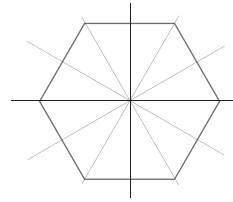
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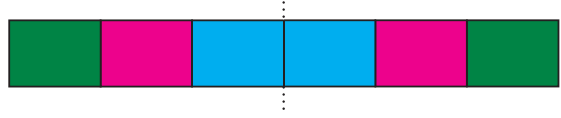
C

1. No

2.



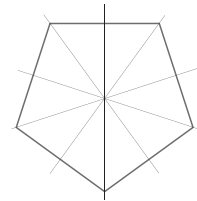
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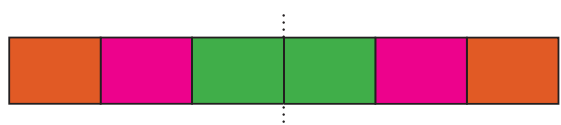
D

1. No

2.



3.



Homework 29

A

1. Forty-six

2. 33

3. 11, 12, 21, 22

4. 45, 50, 55

B

1. 63

2. 24

3. 55, 51, 15, 5

4. 24, 21, 18

C

1. Seventy-two

2. 28

3. 12, 23, 31, 32

4. 32, 36, 40

D

1. 89

2. 15

3. 11, 14, 41, 44

4. 22, 20, 18

Book 1B

Homework 1

A

1. One hundred and twenty-seven
2. Three hundred and forty-five
3. Six hundred and ninety-four
4. 340
5. 832

B

1. Five hundred and six
2. Seven hundred and thirty-one
3. Eight hundred and fifty-four
4. 230
5. 573

C

1. Three hundred and four
2. Four hundred and eighty-one
3. Seven hundred and eighty-six
4. 670
5. 756

D

1. Two hundred and ninety
2. One hundred and ninety-eight
3. Eight hundred and ninety-nine
4. 490
5. 968

Homework 2

A

1. 30, 32, 34
2. 52, 54, 56
3. 154, 152, 150
4. 882, 880, 878

B

1. 135, 140, 145
2. 965, 970, 975
3. 185, 180, 175
4. 725, 720, 715

C

1. 540, 550, 560
2. 195, 205, 215
3. 720, 710, 700
4. 280, 270, 260

D

1. 87, 89, 91
2. 183, 193, 203
3. 20, 15, 10
4. 755, 745, 735

Challenge: 14 000 000

Homework 3

A

1. 208, 315, 427, 592
2. 830, 714, 497, 265
3. 111

B

1. 134, 248, 560, 981
2. 922, 781, 609, 344
3. 220

C

1. 395, 482, 673, 720
2. 873, 512, 458, 396
3. 116

D

1. 210, 432, 569, 845
2. 771, 640, 558, 289
3. 106

Homework 4

A

1. Three hundreds, two tens and six ones
2. Five hundreds, one ten and four ones
3. Eight hundreds, three tens and nine ones
4. 104

B

1. Six hundreds and five ones
2. Two hundreds, five tens and eight ones
3. Seven hundreds, nine tens and nine ones
4. 142

C

1. Four hundreds, one ten and seven ones
2. Six hundreds, five tens and four ones
3. Nine hundreds and six ones
4. 222

D

1. One hundred, eight tens and nine ones
2. Three hundreds, five tens and seven ones
3. Six hundreds, four tens and six ones
4. 181

Challenge: 35

Homework 5

A

1. 16
2. $10 - 4 = 6$
3. Thirty
4. 7, 27, 72, 77
5. $83 = 8$ tens and 3 ones

B

1. 23
2. $12 - 5 = 7$
3. Sixty
4. 91, 90, 19, 9
5. $62 = 6$ tens and 2 ones

C

1. 17
2. $13 - 4 = 9$
3. Seventy
4. 7, 17, 70, 71
5. $54 = 5$ tens and 4 ones

D

1. 17
2. $14 - 10 = 4$
3. Eighty-two
4. 6, 46, 60, 64
5. $37 = 3$ tens and 7 ones

Homework 6

A

1. 780
2. 340
3. 960
4. 100
5. 400
6. 800

B

1. 420
2. 260
3. 640
4. 400
5. 600
6. 200

C

1. 290
2. 860
3. 710
4. 700
5. 300
6. 300

D

1. 130
2. 580
3. 420
4. 500
5. 800
6. 900

Challenge: 8531

Homework 7

A

1. $10 + 2 = 12$
2. $10 + 5 = 15$
3. $5 + 15 = 20$, $15 + 5 = 20$, $20 - 5 = 15$, $20 - 15 = 5$

B

1. $10 + 8 = 18$
2. $8 + 5 = 13$
3. $6 + 8 = 14$, $8 + 6 = 14$, $14 - 6 = 8$, $14 - 8 = 6$

C

1. $10 + 1 = 11$
2. $7 + 9 = 16$
3. $4 + 14 = 18$, $14 + 4 = 18$, $18 - 4 = 14$, $18 - 14 = 4$

D

1. $12 + 3 = 15$
2. $15 + 3 = 18$
3. $6 + 11 = 17$, $11 + 6 = 17$, $17 - 6 = 11$, $17 - 11 = 6$

Homework 8

A

1. 31
2. 44
3. 50
4. 63
5. 49
6. 56

B

1. 72
2. 79
3. 52
4. 59
5. 43
6. 88

C

1. 47
2. 90
3. 104
4. 73
5. 58
6. 68

D

1. 75
2. 82
3. 38
4. 45
5. 33
6. 29

Homework 9

A

1. 5
2. 8
3. $22 + 7 = 29$
4. $17 + 10 = 27$

B

1. 12
2. 5
3. $30 + 9 = 39$
4. $28 + 7 = 35$

C

1. 9
2. 25
3. $51 + 9 = 60$
4. $36 + 7 = 43$

D

1. 10
2. 25
3. $11 + 20 = 31$
4. $11 + 16 = 27$

Challenge: 18

Homework 10

A

1. Three hundred and nine
2. $36 + 6 = 42$
3. 520
4. 542, 524, 452, 425
5. 190

B

1. Five hundred and forty-two
2. $16 + 7 = 23$
3. 220
4. 157, 175, 517, 571
5. 670

C

1. Two hundred and thirty-six
2. $21 + 10 = 31$
3. 350
4. 463, 436, 364, 346
5. 530

D

1. Four hundred and twenty-three
2. $45 + 7 = 52$
3. 790
4. 457, 475, 745, 754
5. 530

Challenge: 23

Homework 11

A

- 6, 9, 12
- 16, 20, 24
- 400, 500, 600
- 18, 15, 12
- 20, 16, 12
- 400, 300, 200

B

- 18, 21, 24
- 24, 28, 32
- 600, 700, 800
- 27, 24, 21
- 36, 32, 28
- 600, 500, 400

C

- 12, 15, 18
- 32, 36, 40
- 300, 400, 500
- 21, 18, 15
- 32, 28, 24
- 800, 700, 600

D

- 18, 21, 24
- 44, 48, 52
- 700, 800, 900
- 30, 27, 24
- 24, 20, 16
- 700, 600, 500

Homework 12

A

- 18
- 12
- 8

B

- 24
- 12
- 21

C

- 27
- 20
- 15

D

- 24
- 10
- 20

Challenge: 54 toys

Homework 13

A

- $3 \times 4 = 12$, $4 \times 3 = 12$, $12 \div 3 = 4$, $12 \div 4 = 3$
- 6

B

- $3 \times 6 = 18$, $6 \times 3 = 18$, $18 \div 3 = 6$, $18 \div 6 = 3$
- 10

C

- $5 \times 9 = 45$, $9 \times 5 = 45$, $45 \div 5 = 9$, $45 \div 9 = 5$
- 5

D

- $3 \times 10 = 30$, $10 \times 3 = 30$, $30 \div 3 = 10$, $30 \div 10 = 3$
- 2

Homework 14

A

- 12
- 20
- 80

4. 6

5. 5

6. 8

B

- 21
- 24
- 90
- 9
- 6
- 9

C

- 24
- 36
- 60
- 7
- 8
- 7

D

- 15
- 28
- 50
- 8
- 7
- 5

Challenge: 8 boxes

Homework 15

A

- 110, 115, 120
- 800
- Three hundreds, two tens and three ones
- $25 + 7 = 32$
- 20

B

- 60, 55, 50
- 300
- Four hundreds, one ten and six ones
- $50 + 12 = 62$
- 12

C

- 650, 660, 670
- 300
- One hundred and five ones
- $60 - 20 = 40$
- 60

D

- 180, 170, 160
- 700
- Five hundreds and seven ones
- $70 - 50 = 20$
- 18

Homework 16

A

- 1 square coloured in
- 6
- $2\frac{1}{3}$, 3

B

- 2 squares coloured in
- 9
- $9\frac{1}{3}$, 10

C

- 2 sections coloured in
- 7
- $7\frac{2}{3}$, 8

D

- 3 sections coloured in

2. 5

3. $3, 3\frac{1}{3}$

Challenge: 56 legs

Homework 17

A

- 1 section coloured in
- 10

B

- 2 squares coloured in
- 8

C

- 1 square coloured in
- 9

D

- 1 square coloured in
- 6

3. $6\frac{2}{5}, 6\frac{4}{5}$

3. $4, 4\frac{2}{5}$

3. $9\frac{4}{5}, 10\frac{1}{5}$

3. $9\frac{3}{5}, 10$

Homework 18

A

- | | | |
|------|------|------|
| 1. 4 | 2. 9 | 3. 3 |
| 4. 6 | 5. 4 | 6. 9 |

B

- | | | |
|-------|-------|-------|
| 1. 6 | 2. 11 | 3. 5 |
| 4. 10 | 5. 7 | 6. 10 |

C

- | | | |
|-------|------|------|
| 1. 3 | 2. 8 | 3. 4 |
| 4. 11 | 5. 8 | 6. 6 |

D

- | | | |
|------|-------|------|
| 1. 7 | 2. 10 | 3. 2 |
| 4. 8 | 5. 3 | 6. 5 |

Homework 19

A

- | | |
|--------|---------------------|
| 1. 72p | 2. $20p + 20p + 5p$ |
| 3. 88p | 4. Multiple answers |

B

- | | |
|--------|--------------------------|
| 1. 65p | 2. $20p + 10p + 5p + 2p$ |
| 3. 63p | 4. Multiple answers |

C

- | | |
|--------|---------------------|
| 1. 80p | 2. $50p + 10p + 2p$ |
| 3. 36p | 4. Multiple answers |

D

- | | |
|--------|---------------------|
| 1. 57p | 2. $20p + 10p + 5p$ |
| 3. 47p | 4. Multiple answers |

Challenge: £1.35

Homework 20

A

- | | |
|---------------------------|-----------------------------------|
| 1. 3 sections coloured in | 2. 6 |
| 3. 30, 33, 36 | 4. $8\frac{1}{10}, 8\frac{3}{10}$ |

B

- | | |
|---------------------------|----------------------|
| 1. 7 sections coloured in | 2. 9 |
| 3. 90, 85, 80 | 4. $8, 8\frac{1}{3}$ |

C

- | | |
|--------------------------|---------------------------------|
| 1. 9 squares coloured in | 2. 9 |
| 3. 240, 250, 260 | 4. $1\frac{2}{5}, 1\frac{3}{5}$ |

D

- | | |
|---------------------------|----------------------|
| 1. 3 sections coloured in | 2. 8 |
| 3. 630, 620, 610 | 4. $4\frac{2}{3}, 5$ |

Homework 21

A

- | | | | |
|---------|---------|------|------|
| 1. 2:15 | 2. 4:45 | 3. 7 | 4. 6 |
|---------|---------|------|------|

B

- | | | | |
|---------|---------|------|-------|
| 1. 6:15 | 2. 7:45 | 3. 9 | 4. 11 |
|---------|---------|------|-------|

C

- | | | | |
|----------|----------|------|------|
| 1. 11:15 | 2. 12:45 | 3. 1 | 4. 1 |
|----------|----------|------|------|

D

- | | | | |
|----------|---------|-------|------|
| 1. 10:15 | 2. 8:45 | 3. 11 | 4. 7 |
|----------|---------|-------|------|

Challenge: 1 hour 30 minutes

Homework 22

A

- | | |
|-----------------------|-----------------------|
| 1. 1 hour and 30 mins | 2. 1 hour and 30 mins |
| 3. 9:15 | |

B

- | | |
|------------------------|------------------------|
| 1. 3 hours and 30 mins | 2. 2 hours and 15 mins |
| 3. 4:15 | |

C

- | | |
|------------------------|------------------------|
| 1. 4 hours and 30 mins | 2. 3 hours and 15 mins |
| 3. 7:45 | |

D

- | | |
|------------------------|------------------------|
| 1. 2 hours and 30 mins | 2. 3 hours and 30 mins |
| 3. 5:45 | |

Homework 23

A

1. 3 2. 6 3. 5 ± 1

B

1. 5 2. 4 3. 7 ± 1

C

1. 8 2. 8 3. 8 ± 1

D

1. 10 2. 10 3. 3 ± 1

Challenge: 96 centimetres

Homework 24

A

1. 80, 85, 90 2. 60, 50, 40
3. 22, 24, **26**, 28, **30** 4. 50, **53**, 56, **59**, 62

B

1. 45, 48, 51 2. 32, 28, 24
3. 30, 35, **40**, 45, **50** 4. 90, **85**, 80, **75**, 70

C

1. 72, 75, 78 2. 210, 200, 190
3. 30, 33, **36**, **39**, 42 4. 710, **700**, 690, **680**, 670

D

1. 46, 50, 54 2. 675, 665, 655
3. 72, 75, **78**, **81**, 84 4. 250, **240**, 230, **220**, 210

Challenge: Missing shape = 

Homework 25

A

1. 12 2. 80p 3. 800 4. 8

B

1. 11 2. 62p 3. 400 4. 3

C

1. 8 2. 52p 3. 200 4. 3

D

1. 9 2. 70p 3. 800 4. 9

Homework 26

A

1. $55 + 3 = 58$ 2. $70 - 5 = 65$ 3. $5 \times 7 = 35$
4. $3 \times 10 = 30$ 5. $14 = 2 \times 7$

B

1. $23 + 17 = 40$ 2. $100 - 25 = 75$ 3. $3 \times 8 = 24$

4. $9 \times 5 = 45$ 5. $18 = 2 \times 9$

C

1. $17 + 13 = 30$ 2. $80 - 14 = 66$ 3. $10 \times 9 = 90$
4. $9 \times 3 = 27$ 5. $22 = 2 \times 11$

D

1. $38 + 6 = 44$ 2. $61 - 9 = 52$ 3. $3 \times 8 = 24$
4. $5 \times 5 = 25$ 5. $21 = 3 \times 7$

Challenge: 15 crayons

Homework 27

A

1. 4 sides, 4 corners
2. Cube, 12 edges, 6 faces, 8 corners

B

1. 5 sides, 5 corners
2. Cuboid, 12 edges, 6 faces, 8 corners

C

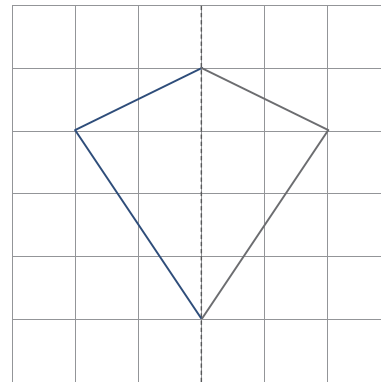
1. 6 sides, 6 corners
2. Cylinder, 2 edges, 3 faces, 0 corners

D

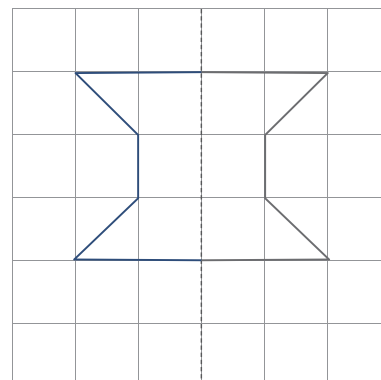
1. 3 sides, 3 corners
2. Sphere, 0 edges, 1 face, 0 corners

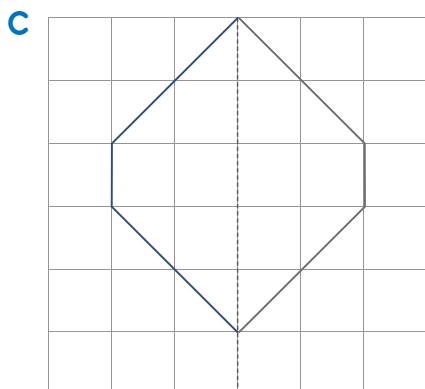
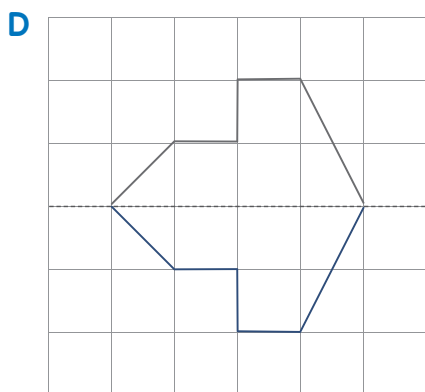
Homework 28

A



B





Challenge: 650 grams

Homework 29

A

1. Two hundred and seven
2. $27 + 14 = 41$
3. 820
4. 857, 785, 758, 578
5. 370

B

1. 320, 325, 330
2. 500
3. Eight hundreds, one ten and seven ones
4. $60 - 11 = 49$
5. 35

C

1. Seven sections coloured in
2. 8
3. 60, 65, 70
4. $6\frac{1}{3}$, 7

D

1. 5
2. 75p
3. 700
4. 2

Book 1C

Homework 1

A

1. Eight hundred and twenty-three
2. 637
3. 450, 455, 460
4. 765, 760, 755

B

1. Five hundred and sixty-four
2. 351
3. 138, 143, 148
4. 211, 206, 201

C

1. Seven hundred and ninety-five
2. 468
3. 410, 510, 610
4. 680, 580, 480

D

1. Four hundred and thirty-seven
2. 792
3. 623, 723, 823
4. 507, 407, 307

Challenge:

12679

Homework 2

A

1.
 - (a) 423
 - (b) 815
2. 223, 232, 233, 322
3. 964, 946, 694, 469

B

1.
 - (a) 702
 - (b) 570
2. 142, 214, 412, 421
3. 960, 906, 690, 609

C

1.
 - (a) 966
 - (b) 815
2. 183, 318, 381, 813
3. 743, 734, 473, 437

D

1.
 - (a) 589
 - (b) 403
2. 779, 797, 907, 970
3. 482, 428, 284, 248

Challenge: 22

Homework 3

A

1. $50 + 20 = 70$
2. $80 - 50 = 30$
3. $300 + 100 = 400$
4. $1000 - 500 = 500$

B

1. $30 + 60 = 90$
2. $90 - 50 = 40$
3. $700 + 100 = 800$
4. $800 - 400 = 400$

C

1. $10 + 70 = 80$
2. $60 - 40 = 20$
3. $400 + 400 = 800$
4. $800 - 400 = 400$

D

1. $30 + 50 = 80$
2. $60 - 30 = 30$
3. $200 + 400 = 600$
4. $700 - 300 = 400$

Challenge: 174 or 714

Homework 4**A**

1. 91
2. 82
3. 793
4. 509

B

1. 95
2. 93
3. 695
4. 609

C

1. 94
2. 103
3. 683
4. 892

D

1. 76
2. 92
3. 777
4. 592

Homework 5**A**

1. 4
2. 6
3. 52p
4. 200

B

1. 9
2. 3
3. 57p
4. 400

C

1. 7
2. 3
3. 47p
4. 900

D

1. 12
2. 8
3. 75p
4. 400

Challenge: $253 + 144$

Homework 6**A**

1. 39
2. 12
3. 306
4. 536

B

1. 28
2. 14
3. 276
4. 248

C

1. 44
2. 18
3. 482
4. 376

D

1. 41
2. 29
3. 132
4. 242

Homework 7**A**

1. 240
2. 220
3. 320

B

1. 180
2. 130
3. 320

C

1. 190
2. 310
3. 70

D

1. 200
2. 190
3. 80

Challenge: $79 - 41$

Homework 8**A**

1. 48, 52, 56
2. 70, 75, 80
3. 410, 420, 430
4. 32, 28, 24
5. 50, 45, 40
6. 380, 370, 360

B

1. 36, 41, 46
2. 36, 46, 56
3. 224, 324, 424
4. 82, 77, 72
5. 85, 75, 65
6. 573, 473, 373

C

1. 21, 25, 29
2. 44, 49, 54
3. 260, 270, 280
4. 54, 50, 46
5. 72, 67, 62
6. 670, 660, 650

D

1. 71, 76, 81
2. 63, 73, 83
3. 516, 526, 536
4. 42, 37, 32
5. 180, 170, 160
6. 854, 754, 654

Challenge: 56

Homework 9**A**

1. $80 = 50 + 30$
2. $92 = 80 + 12$

B

1. $68 = 60 + 8$
2. $135 = 120 + 15$

C

1. $285 = 250 + 35$
2. $186 = 180 + 6$

D

1. $156 = 120 + 36$
2. $370 = 350 + 20$

Homework 10**A**

1. Six hundred and fourteen
2. $36 + 16 = 52$
3. 520
4. 936, 693, 639, 369
5. 490

B

1. 263, 268, 273
2. 600
3. Nine hundreds, six tens and four ones
4. $73 - 15 = 58$
5. 28

C

- 3 sections coloured
- 6
- 40, 45, 50
- $2\frac{1}{3}$, 3

D

- 9
- 90p
- 600
- 2

Challenge: $\frac{2}{3}$ **Homework 11****A**

- 94
- 180
- 174
- 256

B

- 145
- 146
- 246
- 364

C

- 225
- 201
- 180
- 176

D

- 288
- 136
- 360
- 156

Homework 12**A**

- 9
- 5
- 7

B

- 7
- 8
- 9

C

- 8
- 6
- 7

D

- 11
- 4
- 11

Challenge: $23 \times 3 = 69$ **Homework 13****A**

- 12
- 21
- 18
- 15
- 25
- 20

B

- 18
- 24
- 14
- 22
- 12
- 21

C

- 12
- 25
- 24
- 15
- 22
- 14

D

- 19
- 19
- 23
- 17
- 17
- 32

Homework 14**A**

- 5
- 15
- $7\frac{3}{5}$, 8

B

- 7
- 11
- $4\frac{1}{3}$, $4\frac{2}{3}$

C

- 8
- 27
- $11\frac{2}{3}$, 12

D

- 7
- 25
- $3\frac{2}{10}$, $3\frac{4}{10}$

Challenge: 24 pupils**Homework 15****A**

- 752
 - 309
- 93
- 28
- 794, 749, 497, 479

B

- 423
 - 930
- 83
- 26
- 168, 618, 816, 861

C

- 968
 - 752
- 83
- 65
- 942, 924, 429, 294

D

- 906
 - 811
- 92
- 19
- 175, 517, 715, 751

Homework 16**A**

- 6
- 4
- 2

B

- 8
- 3
- 6

C

- 4
- 2
- 12

D

- 6
- 6
- 9

Challenge: 2 blue sweets

Homework 17

A

- | | | |
|-------|-------|-------|
| 1. 10 | 2. 24 | 3. 20 |
| 4. 28 | 5. 21 | 6. 36 |

B

- | | | |
|-------|-------|-------|
| 1. 18 | 2. 30 | 3. 27 |
| 4. 8 | 5. 22 | 6. 21 |

C

- | | | |
|-------|-------|-------|
| 1. 22 | 2. 18 | 3. 18 |
| 4. 22 | 5. 36 | 6. 36 |

D

- | | | |
|-------|-------|-------|
| 1. 24 | 2. 21 | 3. 32 |
| 4. 9 | 5. 14 | 6. 27 |

Homework 18

A

- | | | |
|--------|----------|----------|
| 1. 600 | 2. 3100 | 3. 8 |
| 4. 14 | 5. £7.25 | 6. £2.45 |

B

- | | | |
|--------|----------|----------|
| 1. 800 | 2. 2300 | 3. 4 |
| 4. 25 | 5. £5.45 | 6. £4.10 |

C

- | | | |
|--------|----------|----------|
| 1. 900 | 2. 4500 | 3. 7 |
| 4. 32 | 5. £3.15 | 6. £2.20 |

D

- | | | |
|---------|----------|----------|
| 1. 1100 | 2. 5600 | 3. 3 |
| 4. 57 | 5. £1.75 | 6. £2.07 |

Homework 19

A

- | | | |
|----------|---------|------------|
| 1. 5:15 | 2. 6:45 | 3. 08:00 |
| 4. 13:30 | 5. 6 am | 6. 7:30 pm |

B

- | | | |
|----------|---------|------------|
| 1. 11:45 | 2. 6:15 | 3. 04:00 |
| 4. 18:30 | 5. 9 am | 6. 9:15 pm |

C

- | | | |
|----------|------------|------------|
| 1. 9:15 | 2. 12:45 | 3. 07:00 |
| 4. 23:30 | 5. 5:45 am | 6. 1:15 pm |

D

- | | | |
|----------|-------------|------------|
| 1. 2:45 | 2. 10:15 | 3. 10:00 |
| 4. 20:45 | 5. 11:15 am | 6. 5:45 pm |

Challenge: 20:25

Homework 20

A

- | | | | |
|-----------------------|-------|-------|--------|
| 1. 21 | 2. 27 | 3. 47 | 4. 140 |
| 5. $800 + 200 = 1000$ | | | |

B

- | | | | |
|----------------------|-------|-------|--------|
| 1. 24 | 2. 18 | 3. 35 | 4. 130 |
| 5. $200 + 300 = 500$ | | | |

C

- | | | | |
|----------------------|-------|-------|--------|
| 1. 16 | 2. 21 | 3. 19 | 4. 156 |
| 5. $200 + 400 = 600$ | | | |

D

- | | | | |
|----------------------|-------|-------|--------|
| 1. 36 | 2. 18 | 3. 16 | 4. 290 |
| 5. $200 + 300 = 500$ | | | |

Homework 21

A

- | | |
|--------------------|------------|
| 1. 09:30 | 2. 15 mins |
| 3. Obstacle Course | |

B

- | | |
|--------------------|---------|
| 1. 30 mins | 2. 1:00 |
| 3. Obstacle Course | |

C

- | | |
|--------------|------------|
| 1. 30 mins | 2. 30 mins |
| 3. Stretches | |

D

- | | |
|--------------|-----------|
| 1. 15 mins | 2. 1 hour |
| 3. Sack Race | |

Challenge: 828

Homework 22

A

- | | | | |
|-------|-------|-------|------|
| 1. 10 | 2. 25 | 3. 50 | 4. 7 |
|-------|-------|-------|------|

B

- | | | | |
|------|-------|-------|------|
| 1. 5 | 2. 30 | 3. 55 | 4. 7 |
|------|-------|-------|------|

C

- | | | | |
|-------|-------|-------|------|
| 1. 15 | 2. 35 | 3. 45 | 4. 8 |
|-------|-------|-------|------|

D

- | | | | |
|------|-------|-------|------|
| 1. 2 | 2. 31 | 3. 60 | 4. 5 |
|------|-------|-------|------|

Homework 23

A

- | | |
|--------------------------------------|--|
| 1. 615, 620, 625 | 2. 230, 225, 220 |
| 3. 45, 50, 55 , 60, 65 | 4. 295, 290 , 285, 280 , 275 |

B

- | | |
|--------------------------------------|---------------------------------------|
| 1. 315, 318, 321 | 2. 576, 573, 570 |
| 3. 33, 36, 39 , 42, 45 | 4. 79, 76 , 73, 70 , 67 |

C

- | | |
|--|--|
| 1. 712, 716, 720 | 2. 453, 449, 445 |
| 3. 221, 225, 229 , 233 , 237 | 4. 615, 611 , 607, 603 , 599 |

D

- | | |
|--|--|
| 1. 341, 351, 361 | 2. 866, 856, 846 |
| 3. 604, 614, 624 , 634 , 644 | 4. 907, 897 , 887, 877 , 867 |

Challenge: 7, 11, 19

Homework 24

A

1. $83 + 14 = 97$ 2. $120 - 25 = 95$ 3. $4 \times 11 = 44$
4. $5 \times 10 = 50$ 5. $60 = 5 \times 12$

B

1. $67 + 24 = 91$ 2. $130 - 32 = 98$ 3. $5 \times 9 = 45$
4. $9 \times 10 = 90$ 5. $36 = 4 \times 9$

C

1. $92 + 25 = 117$ 2. $175 - 75 = 100$
3. $3 \times 7 = 21$ 4. $6 \times 5 = 30$ 5. $80 = 10 \times 8$

D

1. $138 + 30 = 168$ 2. $190 - 50 = 140$
3. $4 \times 8 = 32$ 4. $9 \times 3 = 27$ 5. $40 = 5 \times 8$

Challenge: 12

Homework 25

A

1. 515, 520, 525 2. 2 hours and 15 mins
3.
(a) 14 (b) 21
4. 19:45

B

1. 216, 219, 222 2. 2 hours and 45 mins
3.
(a) 23 (b) 17
4. 21:15

C

1. 186, 182, 178 2. 4 hours and 15 mins
3.
(a) 23 (b) 13
4. 14:45

D

1. 704, 694, 684 2. 2 hours and 15 mins
3.
(a) 33 (b) 17
4. 16:15

Homework 26

A

1. Pentagon, 5 sides, 5 corners 2. $<$

B

1. Hexagon, 6 sides, 6 corners 2. $=$

C

1. Heptagon, 7 sides, 7 corners 2. $=$

D

1. Octagon, 8 sides, 8 corners 2. $>$

Challenge: 9 biscuits

Homework 27

A

1. B10 2. I7 3. J3 4. E1

B

1. B2 2. F4 3. F8 4. A7

C

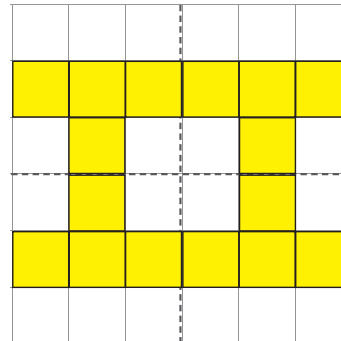
1. H1 2. D5 3. J8 4. H9

D

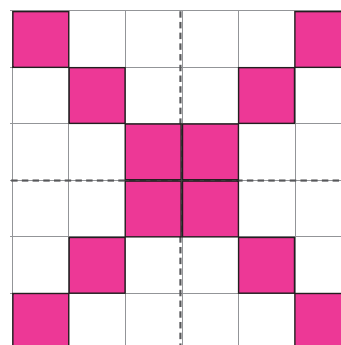
1. C6 2. G10 3. C9 4. A5

Homework 28

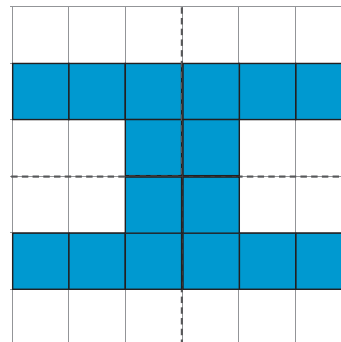
A



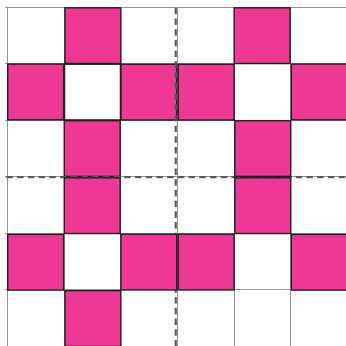
B



C



D



Homework 29

ANSWERS MAY VARY

A

1. Highly likely 2. Impossible 3. Even chance

B

1. Highly likely 2. Certain 3. Impossible

C

1. Highly unlikely 2. Unlikely 3. Unlikely

D

1. Highly likely 2. Certain 3. Impossible

Challenge: 309, 318, 327, 336, 345, 354, 363, 372, 381,
390

ZETA PRIMARY

MATHS & NUMERACY

CfE First Level Homework

ANSWERS