

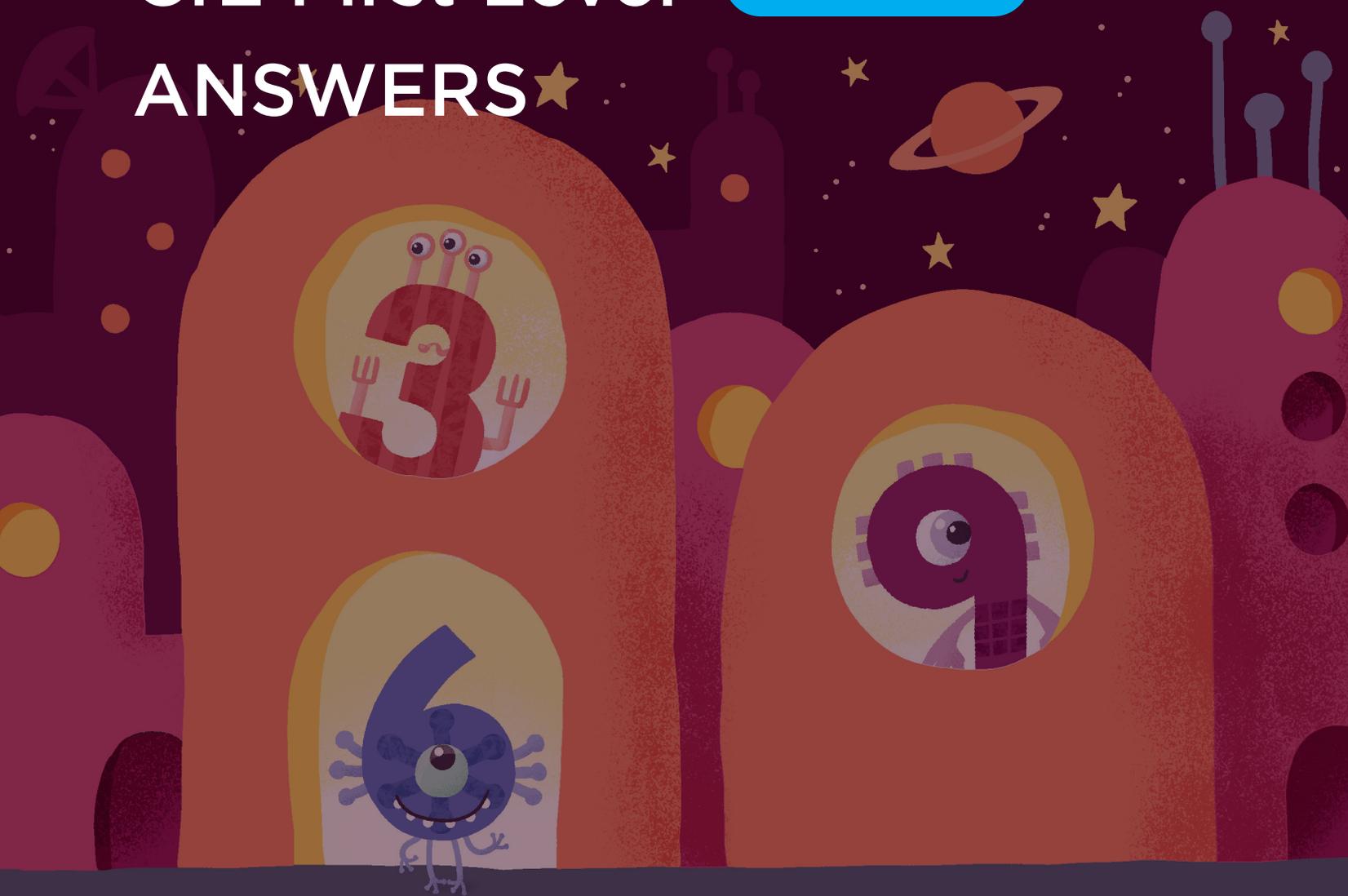
ZETA PRIMARY

# 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. 25, 26, 27 | 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. Twenty-three |
| 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. <b>3</b> tens and <b>2</b> ones = <b>32</b> |
| 3. $36 = 3$ tens and <b>6</b> ones | 4. $24 = 2$ tens and <b>4</b> ones             |

### B

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

### C

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

### D

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

## Homework 7

### A

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



2.

(a)  $2 \times 7 = 16$

(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

- 30p
- Multiple answers
- 16p
- Multiple answers

## D

- 18p
- Multiple answers
- 3p
- Multiple answers

## Homework 20

### A

- 3 squares coloured in
- 8
- 4
- 19
- $20 - 9 = 11$

### B

- 2 squares coloured in
- 30
- 3
- 12
- $9 + 8 = 17$

### C

- 4 squares coloured in
- 70
- 5
- 20
- $18 - 10 = 8$

### D

- 6 squares coloured in
- 40
- 4
- 8
- $3 + 12 = 15$

## Homework 21

### A

- 1 o'clock
- 10:30
- 3 hours

### B

- Half past eight
- 1:00
- 4 hours

### C

- 4 o'clock
- 2:30
- 5 hours

### D

- Half past eleven
- 7:00
- 9 hours

## Homework 22

### A

- 30 minutes
- 11:30
- 3

### B

- 11:30
- 30
- 31

### C

- 12:30
- 60
- 4

### D

- 1:30
- 3 hours
- 6

## Homework 23

### A

- Apple, brick, bike, car
- Cow

### B

- Mouse, apple, basketball, horse
- Elephant

### C

- Car, snake, pencil
- Balloon

### D

- Car, bike, brick, apple
- Basketball

## Homework 24

### A

- needs image
- 32, 36, 40
- 35, 40, 45, 50, 55, 60

### B

- needs image
- 27, 24, 21
- 21, 31, 41, 51, 61, 71

### C

- needs image
- 35, 40, 45
- 48, 44, 40, 36, 32, 28

### D

- needs image
- 18, 16, 14
- 100, 90, 80, 70, 60, 50

## Homework 25

### A

- 6 squares coloured in
- 7, 8, 17, 23
- 16
- 6
- $9 + 7 = 16$

### B

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

### C

- 5 squares coloured in
- 50, 56, 60, 65
- 35
- 12
- $12 + 8 = 20$

### D

- 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

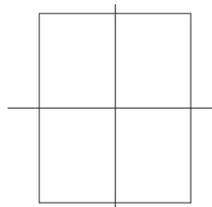
5. False

### Homework 28

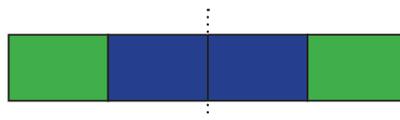
#### A

1. Yes

2.



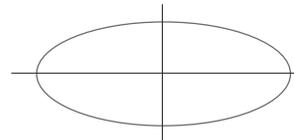
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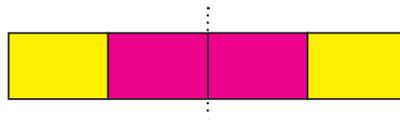
#### B

1. Yes

2.



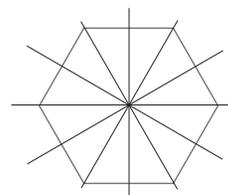
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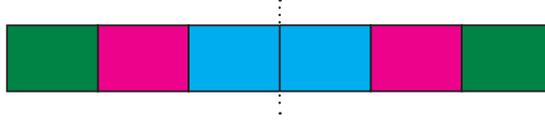
#### C

1. No

2.



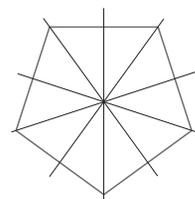
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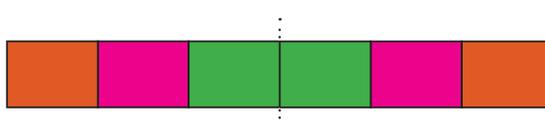
#### D

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

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

## D

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

## Homework 6

### A

- 780
- 340
- 960
- 100
- 400
- 800

### B

- 420
- 260
- 640
- 400
- 600
- 200

### C

- 290
- 860
- 710
- 700
- 300
- 300

### D

- 130
- 580
- 420
- 500
- 800
- 900

**Challenge:** 8531

## Homework 7

### A

- $10 + 2 = 12$
- $10 + 5 = 15$
- $5 + 15 = 20$ ,  $15 + 5 = 20$ ,  $20 - 5 = 15$ ,  $20 - 15 = 5$

### B

- $10 + 8 = 18$
- $8 + 5 = 13$
- $6 + 8 = 14$ ,  $8 + 6 = 14$ ,  $14 - 6 = 8$ ,  $14 - 8 = 6$

### C

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

### D

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

## Homework 8

### A

- 31
- 44
- 50
- 63
- 49
- 56

### B

- 72
- 79
- 52
- 59
- 43
- 88

### C

- 47
- 90
- 104
- 73
- 58
- 68

### D

- 75
- 82
- 38
- 45
- 33
- 29

## Homework 9

### A

- 5
- 8
- $22 + 7 = 29$
- $17 + 10 = 27$

### B

- 12
- 5
- $30 + 9 = 39$
- $28 + 7 = 35$

### C

- 9
- 25
- $51 + 9 = 60$
- $36 + 7 = 43$

### D

- 10
- 25
- $11 + 20 = 31$
- $11 + 16 = 27$

**Challenge:** 18

## Homework 10

### A

- Three hundred and nine
- $36 + 6 = 42$
- 520
- 542, 524, 452, 425
- 190

### B

- Five hundred and forty-two
- $16 + 7 = 23$
- 220
- 157, 175, 517, 571
- 670

### C

- Two hundred and thirty-six
- $21 + 10 = 31$
- 350
- 463, 436, 364, 346
- 530

### D

- Four hundred and twenty-three
- $45 + 7 = 52$
- 790
- 457, 475, 745, 754
- 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

- 6
- 5
- 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.  $5 \pm 1$

### B

1. 5                      2. 4                      3.  $7 \pm 1$

### C

1. 8                      2. 8                      3.  $8 \pm 1$

### D

1. 10                      2. 10                      3.  $3 \pm 1$

**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

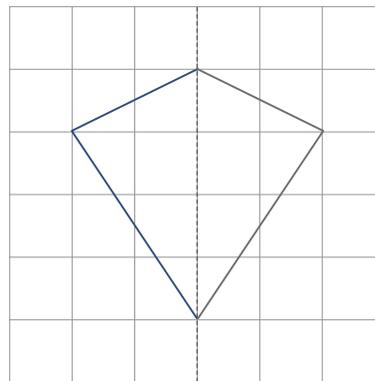
1. 6 sides, 6 corners  
2. Cylinder, 2 edges, 3 faces, 0 corners

### D

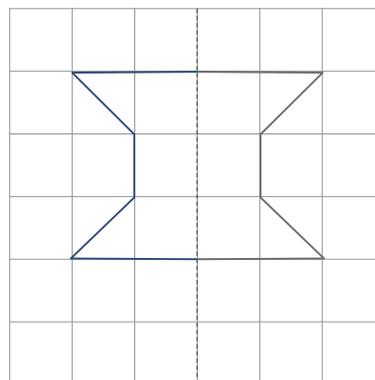
1. 3 sides, 3 corners  
2. Sphere, 0 edges, 1 face, 0 corners

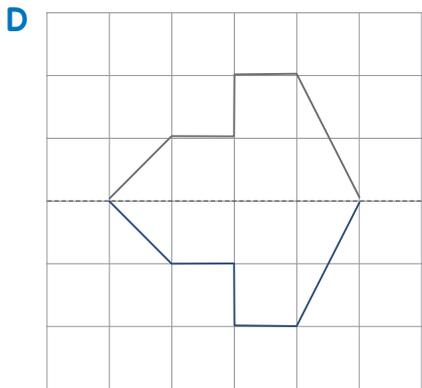
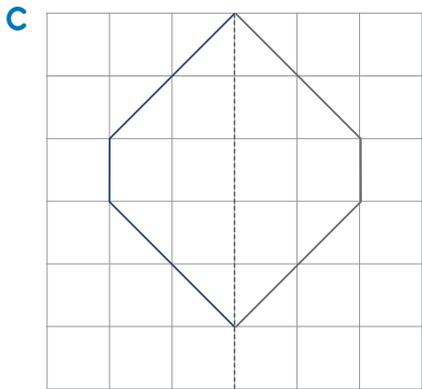
## Homework 28

### A



### B





**Challenge:** 650 grams

### Homework 29

#### A

- Two hundred and seven
- $27 + 14 = 41$
- 820
- 857, 785, 758, 578
- 370

#### B

- 320, 325, 330
- 500
- Eight hundreds, one ten and seven ones
- $60 - 11 = 49$
- 35

#### C

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

#### D

- 5
- 75p
- 700
- 2

## Book 1C

### Homework 1

#### A

- Eight hundred and twenty-three
- 637
- 450, 455, 460
- 765, 760, 755

#### B

- Five hundred and sixty-four
- 351
- 138, 143, 148
- 211, 206, 201

#### C

- Seven hundred and ninety-five
- 468
- 410, 510, 610
- 680, 580, 480

#### D

- Four hundred and thirty-seven
- 792
- 623, 723, 823
- 507, 407, 307

**Challenge:**

12679

### Homework 2

#### A

- 423
- 815
- 223, 232, 233, 322
- 964, 946, 694, 469

#### B

- 702
- 570
- 142, 214, 412, 421
- 960, 906, 690, 609

#### C

- 966
- 815
- 183, 318, 381, 813
- 743, 734, 473, 437

#### D

- 589
- 403
- 779, 797, 907, 970
- 482, 428, 284, 248

**Challenge:** 22

### Homework 3

#### A

- $50 + 20 = 70$
- $80 - 50 = 30$
- $300 + 100 = 400$
- $1000 - 500 = 500$

#### B

- $30 + 60 = 90$
- $90 - 50 = 40$
- $700 + 100 = 800$
- $800 - 400 = 400$

**C**

- $10 + 70 = 80$
- $60 - 40 = 20$
- $400 + 400 = 800$
- $800 - 400 = 400$

**D**

- $30 + 50 = 80$
- $60 - 30 = 30$
- $200 + 400 = 600$
- $700 - 300 = 400$

**Challenge:** 174 or 714**Homework 4****A**

- 91
- 82
- 793
- 509

**B**

- 95
- 93
- 695
- 609

**C**

- 94
- 103
- 683
- 892

**D**

- 76
- 92
- 777
- 592

**Homework 5****A**

- 4
- 6
- 52p
- 200

**B**

- 9
- 3
- 57p
- 400

**C**

- 7
- 3
- 47p
- 900

**D**

- 12
- 8
- 75p
- 400

**Challenge:** 253 + 144**Homework 6****A**

- 39
- 12
- 306
- 536

**B**

- 28
- 14
- 276
- 248

**C**

- 44
- 18
- 482
- 376

**D**

- 41
- 29
- 132
- 242

**Homework 7****A**

- 240
- 220
- 320

**B**

- 180
- 130
- 320

**C**

- 190
- 310
- 70

**D**

- 200
- 190
- 80

**Challenge:** 79 - 41**Homework 8****A**

- 48, 52, 56
- 70, 75, 80
- 410, 420, 430
- 32, 28, 24
- 50, 45, 40
- 380, 370, 360

**B**

- 36, 41, 46
- 36, 46, 56
- 224, 324, 424
- 82, 77, 72
- 85, 75, 65
- 573, 473, 373

**C**

- 21, 25, 29
- 44, 49, 54
- 260, 270, 280
- 54, 50, 46
- 72, 67, 62
- 670, 660, 650

**D**

- 71, 76, 81
- 63, 73, 83
- 516, 526, 536
- 42, 37, 32
- 180, 170, 160
- 854, 754, 654

**Challenge:** 56**Homework 9****A**

- $80 = 50 + 30$
- $92 = 80 + 12$

**B**

- $68 = 60 + 8$
- $135 = 120 + 15$

**C**

- $285 = 250 + 35$
- $186 = 180 + 6$

**D**

- $156 = 120 + 36$
- $370 = 350 + 20$

**Homework 10****A**

- Six hundred and fourteen
- $36 + 16 = 52$
- 520
- 936, 693, 639, 369
- 490

**B**

- 263, 268, 273
- 600
- Nine hundreds, six tens and four ones
- $73 - 15 = 58$
- 28

**C**

1. 3 sections coloured      2. 6  
 3. 40, 45, 50                4.  $2\frac{1}{3}$ , 3

**D**

1. 9                    2. 90p                3. 600                4. 2

**Challenge:**  $\frac{2}{3}$

**Homework 11****A**

1. 94                    2. 180                3. 174                4. 256

**B**

1. 145                  2. 146                3. 246                4. 364

**C**

1. 225                  2. 201                3. 180                4. 176

**D**

1. 288                  2. 136                3. 360                4. 156

**Homework 12****A**

1. 9                    2. 5                    3. 7

**B**

1. 7                    2. 8                    3. 9

**C**

1. 8                    2. 6                    3. 7

**D**

1. 11                    2. 4                    3. 11

**Challenge:**  $23 \times 3 = 69$

**Homework 13****A**

1. 12                    2. 21                    3. 12  
 4. 15                    5. 25                    6. 20

**B**

1. 18                    2. 24                    3. 14  
 4. 22                    5. 12                    6. 21

**C**

1. 12                    2. 25                    3. 24  
 4. 15                    5. 22                    6. 14

**D**

1. 19                    2. 19                    3. 23  
 4. 17                    5. 17                    6. 32

**Homework 14****A**

1. 5                    2. 15                    3.  $7\frac{3}{5}$ , 8

**B**

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

**C**

1. 8                    2. 27                    3.  $11\frac{2}{3}$ , 12

**D**

1. 7                    2. 25                    3.  $3\frac{2}{10}$ ,  $3\frac{4}{10}$

**Challenge:** 24 pupils

**Homework 15****A**

1. 752                  2. 309                  3. 93                    4. 28  
 5. 794, 749, 497, 479

**B**

1. 423                  2. 930                  3. 83                    4. 26  
 5. 168, 618, 816, 861

**C**

1. 968                  2. 752                  3. 83                    4. 65  
 5. 942, 924, 429, 294

**D**

1. 906                  2. 811                  3. 92                    4. 19  
 5. 175, 517, 715, 751

**Homework 16****A**

1. 6                    2. 4                    3. 2

**B**

1. 8                    2. 3                    3. 6

**C**

1. 4                    2. 2                    3. 12

**D**

1. 6                    2. 6                    3. 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, <b>55</b> , 60, <b>65</b> | 4. 295, <b>290</b> , 285, <b>280</b> , 275 |

**B**

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

**C**

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

**D**

- |  |  |
|--|--|
| 1. 341, 351, 361                           | 2. 866, 856, 846                           |
| 3. 604, 614, <b>624</b> , <b>634</b> , 644 | 4. 907, <b>897</b> , 887, <b>877</b> , 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. 14   4. 21   5. 19:45

### B

1. 216, 219, 222   2. 2 hours and 45 mins  
3. 23   4. 17   5. 21:15

### C

1. 186, 182, 178   2. 4 hours and 15 mins  
3. 23   4. 13   5. 14:45

### D

1. 704, 694, 684   2. 2 hours and 15 mins  
3. 33   4. 17   5. 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

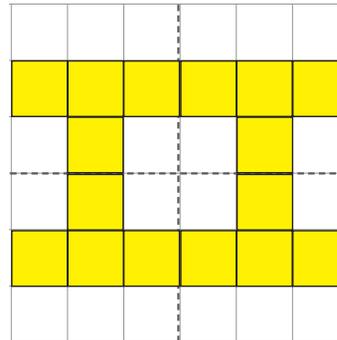
1. H1   2. D5   3. J8   4. H9

### D

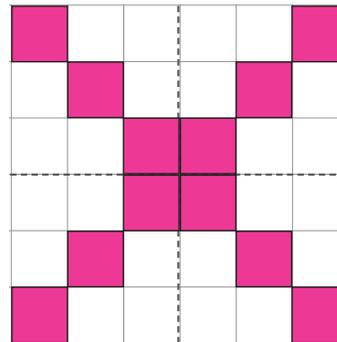
1. C6   2. G10   3. C9   4. A5

## Homework 28

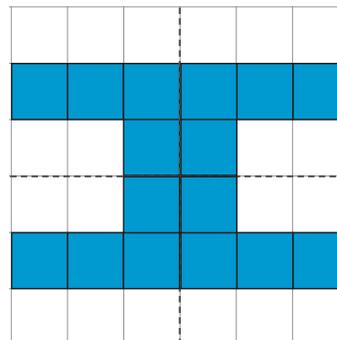
### A



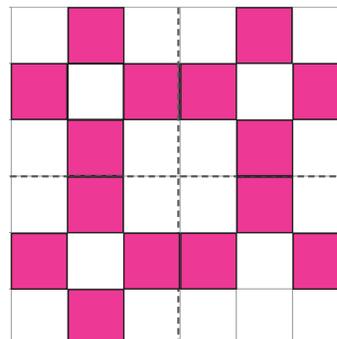
### B



### 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