

35	OLD	CHANGE	NEW
	-6°C	+15°C	9°C
	-2°C	-12°C	-14°C
	-13°C	+20°C	7°C
	5°C	-6°C	-1°C
	-9°C	+7°C	-2°C
	3°C	-14°C	-11°C

- C**
- | | | | |
|--------------|---------------|---------------|---------------|
| 1 -16 | 7 4 | 13 6 | 19 6 |
| 2 -8 | 8 -16 | 14 -15 | 20 4 |
| 3 2 | 9 -6 | 15 10 | 21 -13 |
| 4 -3 | 10 1 | 16 -21 | 22 3 |
| 5 9 | 11 -15 | 17 -2 | 23 6 |
| 6 -7 | 12 6 | 18 -9 | 24 -19 |

25

BALANCE 1st May	CHANGE	BALANCE 31st May
-£300	+£50	-£250
-£120	+£200	£80
£70	-£260	-£190
£64	-£105	-£41
-£20	-£90	-£110
-£49	+£36	-£13
£17	-£78	-£61
-£20	-£40	-£60
-£138	+£57	-£81
£564	-£135	£429
£84	-£110	-£26

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- A**
- | | | |
|--------------------------------|---------------------------------|------------------------------|
| 1 a) 20 cm ² | 6 a) 120 cm ² | 11 49 cm ² |
| b) 18 cm | b) 44 cm | |
| 2 a) 28 cm ² | 7 a) 16 cm ² | |
| b) 22 cm | b) 16 cm | |
| 3 a) 54 cm ² | 8 a) 35 cm ² | |
| b) 30 cm | b) 24 cm | |
| 4 a) 18 cm ² | 9 a) 100 cm ² | |
| b) 18 cm | b) 40 cm | |
| 5 a) 64 cm ² | 10 a) 24 cm ² | |
| b) 32 cm | b) 22 cm | |

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B

1	Length	Width	Perimeter	Area
	8 cm	5 cm	26 cm	40 cm ²
	7 cm	3 cm	20 cm	21 cm ²
	10 cm	6 cm	32 cm	60 cm ²
	9 cm	4 cm	26 cm	36 cm ²
	20 cm	10 cm	60 cm	200 cm ²
	12 cm	2 cm	28 cm	24 cm ²
	11 cm	7 cm	36 cm	77 cm ²
	15 cm	8 cm	46 cm	120 cm ²

- | | | |
|-------------------------------|-------------------------------|-------------------------------|
| 2 a) 24 cm | 4 a) 52 cm | 6 a) 58 cm |
| b) 30 cm ² | b) 81 cm ² | b) 120 cm ² |
| 3 a) 54 cm | 5 a) 76 cm | 7 a) 52 cm |
| b) 126 cm ² | b) 240 cm ² | b) 104 cm ² |

C

- | | | | |
|-------------------------------|-------------------------------|---------------------------------|---------------------------------|
| 1 a) 90 cm | 3 a) 74 cm | 5 a) 108 cm ² | 6 a) 30.4 m ² |
| b) 300 cm ² | b) 138 cm ² | b) 36 cm ² | b) 190 |
| 2 a) 62 cm | 4 a) 44 cm | c) 18 cm ² | 7 2700 m ² |
| b) 132 cm ² | b) 60 cm ² | d) 72 cm ² | |

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A

- | | |
|------------------------------|-----------------------------|
| 2 square 4 cm by 4 cm | 6 Pavel 12 cm × 4 cm |
| 4 square 4 cm by 4 cm | Melissa 8 cm × 6 cm |
| 5 100 m ² | |

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- | | | |
|--------------------------------|-------------------|--------------------------------|
| 1 a) 45 m ² | 2 a) 22 cm | 3 d) square 4 cm × 4 cm |
| 4 d) square 6 cm × 6 cm | | |

C

1 2625 m ²	3	<table border="1"> <thead> <tr> <th>Length</th> <th>Width</th> <th>Area</th> </tr> </thead> <tbody> <tr><td>5 cm</td><td>5 cm</td><td>25 cm²</td></tr> <tr><td>6 cm</td><td>4 cm</td><td>24 cm²</td></tr> <tr><td>7 cm</td><td>3 cm</td><td>21 cm²</td></tr> <tr><td>8 cm</td><td>2 cm</td><td>16 cm²</td></tr> <tr><td>9 cm</td><td>1 cm</td><td>9 cm²</td></tr> </tbody> </table>	Length	Width	Area	5 cm	5 cm	25 cm ²	6 cm	4 cm	24 cm ²	7 cm	3 cm	21 cm ²	8 cm	2 cm	16 cm ²	9 cm	1 cm	9 cm ²
Length	Width	Area																		
5 cm	5 cm	25 cm ²																		
6 cm	4 cm	24 cm ²																		
7 cm	3 cm	21 cm ²																		
8 cm	2 cm	16 cm ²																		
9 cm	1 cm	9 cm ²																		
2 5.4 m																				

4 The longer the rectangle the smaller the area. The shorter the rectangle the larger the area.

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- | | | | |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 1 a) 18 cm ² | 3 a) 42 cm ² | 5 a) 10 cm ² | 6 a) 48 cm ² |
| b) 9 cm ² | b) 21 cm ² | b) 5 cm ² | b) 12 cm ² |
| 2 a) 90 cm ² | 4 a) 40 cm ² | c) 20 cm ² | c) 12 cm ² |
| b) 45 cm ² | b) 20 cm ² | d) 10 cm ² | d) 48 cm ² |
| | | e) 30 cm ² | |
| | | f) 15 cm ² | |

- 7** 40 cm²
8 42 cm²

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- | | | | | |
|-------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|
| 1 17.5 cm ² | 5 12 cm ² | 9 200 cm ² | 13 21 cm ² | 17 48 cm ² |
| 2 27 cm ² | 6 49.5 cm ² | 10 10 cm ² | 14 70 cm ² | 18 48 cm ² |
| 3 6 cm ² | 7 30 cm ² | 11 24.5 cm ² | 15 80 cm ² | 19 63 cm ² |
| 4 28 cm ² | 8 18 cm ² | 12 66 cm ² | 16 66 cm ² | 20 135 cm ² |

C

- | | | | | |
|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|
| 1 26.25 cm ² | 4 48 cm ² | 7 67.5 cm ² | 10 87.5 cm ² | 13 150 cm ² |
| 2 49.5 cm ² | 5 72.75 cm ² | 8 82.5 cm ² | 11 33 cm ² | |
| 3 11 cm ² | 6 150 cm ² | 9 432 cm ² | 12 72.5 cm ² | |

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A

- | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 1 8 cm ³ | 3 24 cm ³ | 5 12 cm ³ | 7 32 cm ³ |
| 2 18 cm ³ | 4 30 cm ³ | 6 27 cm ³ | 8 45 cm ³ |
| 9 a) 12 | 10 a) 20 | 11 a) 60 | 12 a) 32 |
| b) 2 | b) 2 | b) 5 | b) 3 |
| c) 24 | c) 40 | c) 300 | c) 96 |