| 1 | Temperature E3 Mark Scheme |  |
| :---: | :---: | :---: |
|  | A warm day in the UK $-22^{\circ} \mathrm{C}$ | [1] |
|  | Temperature at which water boils $-100^{\circ} \mathrm{C}$ | [1] |
|  | The inside of an oven $-180^{\circ} \mathrm{C}$ | [1] |
|  | Temperature of a refrigerator - $3^{\circ} \mathrm{C}$ | [1] |
| 2(a) | $6^{\circ} \mathrm{C}$ | [1] |
| 2(b) | $14^{\circ} \mathrm{C}$ | [1] |
| 2(c) | $9^{\circ} \mathrm{C}$ | [1] |
| 2(d) | $16^{\circ} \mathrm{C}$ | [1] |
| 2(e) | $30^{\circ} \mathrm{C}$ | [1] |
| 2(f) | $49^{\circ} \mathrm{C}$ | [1] |
| 2(g) | $24^{\circ} \mathrm{C}$ | [1] |
| 2(h) | $94^{\circ} \mathrm{C}$ | [1] |
| 2(i) | $600^{\circ} \mathrm{C}$ | [1] |
| 2(j) | $441^{\circ} \mathrm{C}$ | [1] |
| 3(a) | 220-160 $=60^{\circ} \mathrm{C}$ | [1] |
| 3(b) | $8-2=6^{\circ} \mathrm{C}$ | [1] |
| 3(c) | 10000-5000 $=5000^{\circ} \mathrm{C}$ | [1] |
| 3(d) | $28-13=15^{\circ} \mathrm{C}$ | [1] |
| 3(e) | $15+8=23^{\circ} \mathrm{C}$ | [1] |
|  |  |  |


| 4(a) | $8^{\circ} \mathrm{C}$ | [1] |
| :---: | :---: | :---: |
| 4(b) | $38^{\circ} \mathrm{C}$ | [1] |
| 4(c) | $150^{\circ} \mathrm{C}$ | [1] |
| 4(d) | $41^{\circ} \mathrm{C}$ | [1] |
| 4(e) | $190^{\circ} \mathrm{C}$ | [1] |
| 4(f) | $87^{\circ} \mathrm{C}$ | [1] |
| 4(g) | $920^{\circ} \mathrm{C}$ | [1] |
| 4(h) | $29^{\circ} \mathrm{C}$ | [1] |
| 4(i) | $61^{\circ} \mathrm{C}$ | [1] |
| 4(j) | $1138^{\circ} \mathrm{C}$ | [1] |
| 5(a) | Benjamin, Allie, Catarina | [1] Accept reverse order |
| 5(b) | Allie, Catarina are over. | [1] |
|  | Benjamin is under. | [1] |
| 5(c) | No | [1] |
| 6(a) | $21^{\circ} \mathrm{C}$ | [1] |
| 6(b) | 2 | [1] |
| 6(c) | $31^{\circ} \mathrm{C}$ and $18^{\circ} \mathrm{C}$ | [1] |
|  | Wednesday $16^{\text {th }}$ July | [1] |
|  |  |  |

