| **International GCSE Maths** | | | | | |
|---|---|---|---|---|---|
| Apart from question 11c, 12, 13, 16, 19, 20 (where the mark scheme states otherwise) the correct answer, unless clearly obtained from an incorrect method, should be taken to imply a correct method. | | | | | |
| **Q** | | **Working** | **Answer** | **Mark** | **Notes** |
| **1** | a | | $g^{10}$ | 1 | B1 |
| | b | | $k^7$ | 1 | B1 |
| | c | | $9c^2d^8$ | 2 | B2 B1 for 2 out of 3 terms correct in a product |
| | d | $4x > 2 - 7$ oe | | | M1 accept as an equation or with wrong inequality sign. |
| | | | $x > -1.25$ | 2 | A1 oe allow $(-1.25, (+)\infty)$<br><br>Note: award M1A0 for an answer on the answer line of −1.25 with no sign or the incorrect sign eg $x = -1.25$, $x < -1.25$ |
| | | | | | **Total 6 marks** |

| | | | | | | |
|---|---|---|---|---|---|---|
| **2** | a | | $50 < L \leq 60$ | 1 | B1 | oe eg 50 - 60 |
| | b | 25 × 6 + 35 × 26 + 45 × 31 + 55 × 40 + 65 × 17<br>(150 + 910 + 1395 + 2200 + 1105)(= 5760) | | | M2 | For correct products using midpoints (allow one error) with intention to add. M1 for products using frequency and a consistent value within the range (allow one error) with intention to add or correct products using midpoints (allow one error) without addition |
| | | "5760" ÷ "120" | | | M1 | dep on M1 |
| | | | 48 | 4 | A1 | |
| | | | | | | **Total 5 marks** |