## Bounds

## Mark Scheme 3

| Level | IGCSE |
| :--- | :--- |
| Subject | Maths (0580) |
| Exam Board | Cambridge International Examinations (CIE) |
| Paper Type | Extended |
| Topic | Number |
| Sub-Topic | Bounds |
| Booklet | Mark SCheme 3 |
|  |  |

Time Allowed:
Score:
Percentage:

Grade Boundaries:

| A* | A | B | C | D | E | U |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $>85 \%$ | $75 \%$ | $60 \%$ | $45 \%$ | $35 \%$ | $25 \%$ | $<25 \%$ |


| 1 (a) | (£) 2.37 or 2.371 to 2.372 www 2 | 2 | M for $34.95 \div 1.17$ implied by $29.87 \ldots$ or 29.9 or SC1 for 2.77 or 2.78 or 2.775 |
| :---: | :---: | :---: | :---: |
| (b) | 154 days 4 hours cao | 3 | M1 for $4.07 \times 10^{12} \div\left(1.1 \times 10^{9}\right)$ implied by figs 37 or 154. (....) <br> A1 for 3700 seen or $3.7 \times 10^{3}$ seen or $154 \frac{1}{6}$ oe or 154 rem 4 |
| (c) (i) | 9.25 | 1 |  |
| (ii) | Lower $=51.3375$ final answer |  | After 0 scored |
|  | Upper $=52.8275$ final answer | 1 | SC1 for answers reversed or 9.35 and 5.65 seen or 51.3375 and 52.8275 seen |



