Question 3 – 4:

3(a)(i)(a)	187 or 186.7 to 186.8 or $186\frac{42}{53}$	1	
3(a)(i)(b)	$2:7:42$ cao	2	**B1** for $106:371:2226$ or any equivalent ratio If 0 scored, **SC1** for $2:7:42$ in the wrong order
3(a)(ii)	33.3 or 33.28 to 33.29	2	**M1** for $\dfrac{2967-2226}{2226}$ $[\times 100]$ oe or $\dfrac{2967}{2226}\times 100\ [-100]$ oe

3(a)(iii)	1706 cao nfww	3	**B2** for 1705 to $1706.0\ldots$ or 1710 or **M1** for $\left(1+\dfrac{30.48}{100}\right)x=2226$ oe or better If 0 or M1 scored, **SC1** for rounding *their* decimal answer seen to nearest integer
3(b)	3897	5	**B1** for $a=2000$ **M2** for $[b=]\ \sqrt[3]{\dfrac{2662}{2000}}$ or **M1** for $2662=2000b^3$ **M1** for *their* $2000\times\left(\sqrt[3]{\dfrac{2662}{their\,2000}}\right)^7$ or for *their a* $\times$ (*their b*)^7 provided *their a* and *their b* are clearly identified in the working If 0 or M1 scored, **SC1** for rounding *their* decimal answer seen to nearest integer.