Question	Working	Answer	Mark	Notes
16	e.g. $\sqrt[3]{\frac{960}{405}}\left(=\frac{4}{3}\right)$ (=1.3...)or $\sqrt[3]{\frac{405}{960}}\left(=\frac{3}{4}\right)$(=0.75) $\left(\frac{3}{4}\right)^2\times 928$ **or** $928\div\left(\frac{4}{3}\right)^2$ oe	522	3	M1 for a correct linear scale factor M1 for a complete method A1
17 (a)		−11	1	B1
(b)		0.5 oe	1	B1
(c)	g(−1.5) = 1 ÷ (1 – 2 × −1.5) (=0.25) **or** fg(x) = $4-3\times\left(\frac{1}{1-2x}\right)$ oe	3.25 oe	2	M1 g(−1.5) must be the correct calculation alone. A1
18	7.5 **or** 8.5 **or** 4.65 **or** 4.55 25 **or** 15 $\frac{4.55}{25-7.5}$	0.26 oe	4	M1 M1 M1 for $\frac{LB_1}{UB-LB_2}$ with $4.55 \le LB_1 < 4.6$ **and** $20 < UB \le 25$ **and** $7.5 \le LB_2 < 8$ A1 for 0.26 from correct working