

Question number	Answer	Notes	Marks
9 (a) (i)	density = $\frac{\text{mass}}{\text{volume}}$	Allow symbols and rearrangements, e.g. $\rho = m / V$	1
(ii)	substitution into correct equation; calculation; matching unit; e.g. Density = $138 \div 16.3$ = 8.47 g/cm ³	8.466, 8.5	3
(b)	B (incorrect and slightly too small)		1

Total 5 marks