

National 5 Final Exam Practice	Expressions and Formulae
Geometric Skills	Volume of Solids
Average Score	3 / 4 Marks

- Volume of Neptune = $6.25 \times 10^{13} \text{ km}^3$ (3 significant figures)
- Volume of Great Pyramid = $2\,580\,000 \text{ m}^3$
- Volume of large cone = 234.57 cm^3
Volume of small cone = 37.70 cm^3
Volume of paperweight = $196.87 \text{ cm}^3 = 200 \text{ cm}^3$ (2 significant figures)
- Volume of rubber = $17.28 + 2.62 = 19.9 \text{ cm}^3$ (3 significant figures)
- Volume of centre section (cylinder) = 754 cm^3
Volume of both ends (sphere) = 268 cm^3
Total volume = $1022 \text{ cm}^3 = 1.022 \text{ kg}$.
Yes it is fair to sell the product as it is just over 1kg in weight.