

Question	Answer	Mark	Mark scheme	Additional guidance
25	211	<p>M1</p> <p>M1</p> <p>A1</p>	<p>for method to find one area, eg $\pi \times \left(\frac{8}{2}\right)^2$ (= 50.2...)</p> <p>or $\pi \times \left(\frac{8}{2}\right) \times 12.8$ (= 160.8...)</p> <p>for full method to find total surface area, eg $\pi \times \left(\frac{8}{2}\right)^2 + \pi \times \left(\frac{8}{2}\right) \times 12.8$</p> <p>for answer in range 211 to 211.2</p> <p>SCB2 for an answer in the range 522.7 to 523 if no marks awarded</p>	<p>allow use of 3.14 or better for π Implied by 16π or 51.2π or $\frac{256}{5}\pi$</p> <p>Condone area of base embedded in an incorrect calculation, eg $\pi \times \left(\frac{8}{2}\right)^2 \times 12.8$ for this mark only</p> <p>Implied by 67.2π or $\frac{336}{5}\pi$</p> <p>Implied by 166.4π or $\frac{832}{5}\pi$</p>