

<b>Glasses</b>		<b>Rubric</b>	
		Points	Section points
1. Gives correct answer: $3\sqrt{3}$ or <b>5.2</b> cm Shows work such as: $h^2 = 6^2 - 3^2$	1		1
2.(a) Gives correct answer: <b><math>37.5\pi</math></b> or <b>118</b> cm <sup>3</sup> (b) Gives correct answer: <b><math>45\pi</math></b> or <b>141</b> cm <sup>3</sup> Shows correct work such as: $\pi \times 3^2 \times 3 + \frac{2}{3} \pi \times 3^3$ (c) Gives correct answer: <b><math>15.6\pi</math></b> or <b>49</b> or <b><math>9\sqrt{3}\pi</math></b> cm <sup>3</sup>	1		3
3 Gives correct answer: <b>3.5</b> cm Shows work such as: $45\pi \div 2 = 22.5\pi$ $22.5\pi - 18\pi = 4.5\pi$ $\pi \times 3^2 \times h = 4.5 \pi$ $h = 0.5$	1		3
<b>Total Points</b>			<b>10</b>