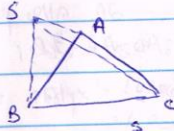
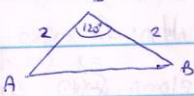


3.41
6

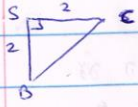


AB:



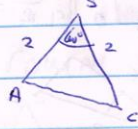
$$\frac{AB}{\sin 120} = \frac{2}{\sin 30} \rightarrow AB = 2\sqrt{3}$$

$$S_{ASB} = \frac{2 \cdot 2 \sin 120}{2} = \sqrt{3}$$



$$BC = \sqrt{4+4} = 2\sqrt{2}$$

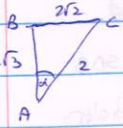
$$S_{SBC} = \frac{2 \cdot 2}{2} = 2$$



$$AC = 2$$

$$S_{ASC} = \frac{2 \cdot 2 \sin 60}{2} = \sqrt{3}$$

2.17017
1/15 721



$$(\sqrt{2} \cdot 2)^2 = (2\sqrt{3})^2 + 2^2 - 2 \cdot 2\sqrt{3} \cdot 2 \cos \alpha$$

$$8 = 12 + 4 - 8\sqrt{3} \cos \alpha$$

$$\cos \alpha = \frac{8}{8\sqrt{3}} = \frac{1}{\sqrt{3}} \rightarrow \sin \alpha = \sqrt{1 - \frac{1}{3}} = \sqrt{\frac{2}{3}}$$

$$S_{ABC} = \frac{2\sqrt{3} \cdot 2 \cdot \sqrt{\frac{2}{3}}}{2} = 2\sqrt{2}$$

$$S_{\text{total}} = 2\sqrt{2} + \sqrt{3} + \sqrt{3} + 2 = 2(\sqrt{2} + \sqrt{3} + 1)$$

7 24 12 7 0

S

A A