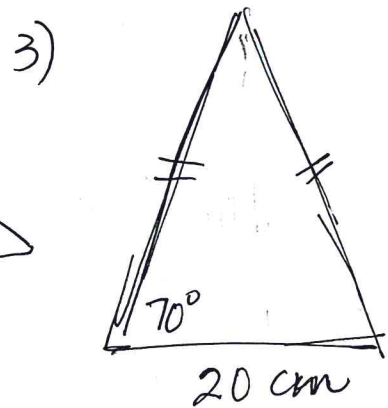
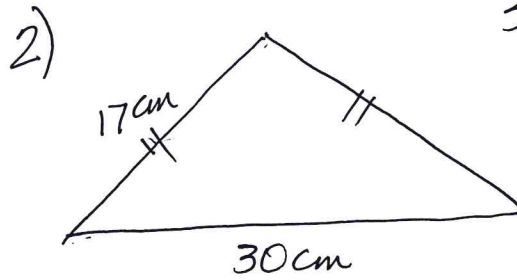
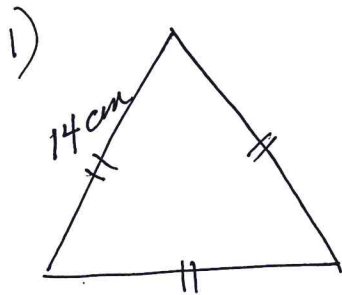
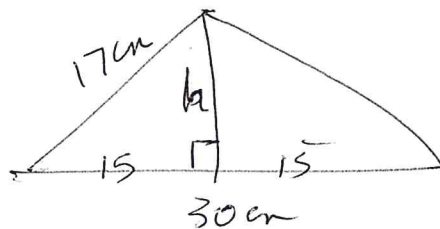


Find the area of the triangles to the nearest tenth of a centimeter².



$$\frac{1}{2} \cdot 14 \cdot 7\sqrt{3}$$

$$A \approx 84.9 \text{ cm}^2$$

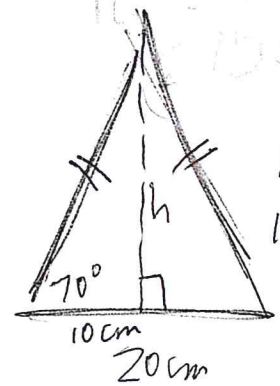


$$15^2 + h^2 = 17^2$$

$$h = 8$$

$$\frac{1}{2} \cdot 30 \cdot 8$$

$$120 \text{ cm}^2$$



$$h = \text{opp}$$

$$10 = \text{adj}$$

$$10 = \tan 70^\circ = \frac{h}{10}$$

$$h \approx 27.47$$

$$\frac{1}{2} \cdot b \cdot h \approx 274.8 \text{ cm}^2$$

$$\text{or } \frac{1}{2} \cdot 27.5 \cdot 20 =$$

$$275 \text{ cm}^2$$