

Sept. 18 Surface + Volume of Pyramids

Solutions

$$\begin{aligned} \text{1a) } S.A &= 235.6 \text{ units}^2 \\ V &= 207.1 \text{ units}^3 \end{aligned}$$

$$\begin{aligned} \text{b) } S.A &= 265.4 \text{ units}^2 \\ V &= 230.6 \text{ units}^3 \end{aligned}$$

$$\begin{aligned} \text{c) } S.A &= 322.6 \text{ units}^2 \\ V &= 84.7 \text{ units}^3 \end{aligned}$$

$$\begin{aligned} \text{d) } S.A &= 896 \text{ cm}^2 \\ V &= 1568 \text{ cm}^3 \end{aligned}$$

$$\begin{aligned} \text{e) } S.A &= 460 \text{ ft}^2 \\ V &= 576.7 \text{ ft}^3 \end{aligned}$$

$$\begin{aligned} \text{f) } S.A &= 1114.4 \text{ u}^2 \\ V &= 2090.7 \text{ u}^3 \end{aligned}$$

Sept. 19 sheet

$$\begin{aligned} \text{a) } S.A &= 462.2 u^2 \\ V &= 584.3 u^3 \end{aligned}$$

$$\begin{aligned} \text{b) } S.A &= 69.7 u^2 \\ V &= 27 u^3 \end{aligned}$$

$$\begin{aligned} \text{c) } S.A &= 175.4 u^2 \\ V &= 137.2 u^3 \end{aligned}$$

$$\begin{aligned} \text{d) } S.A &= 115.9 u^2 \\ V &= 70.5 u^3 \end{aligned}$$

$$\begin{aligned} \text{e) } S.A &= 780.6 u^2 \\ V &= 1192 u^3 \end{aligned}$$

$$\begin{aligned} \text{f) } S.A &= 253.1 u^2 \\ V &= 244.6 u^3 \end{aligned}$$