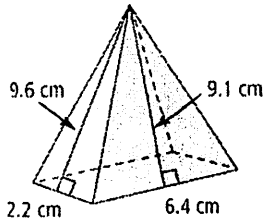
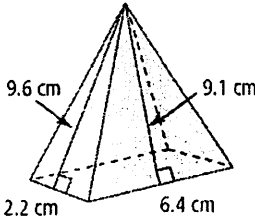
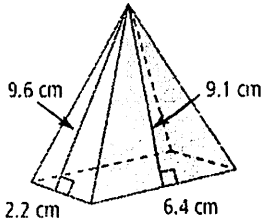
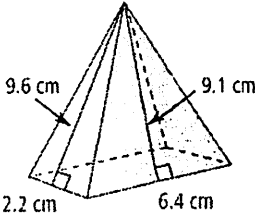
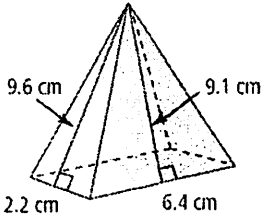
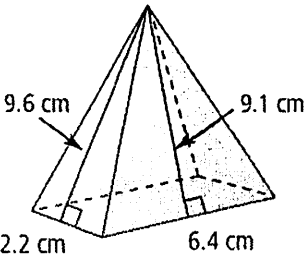
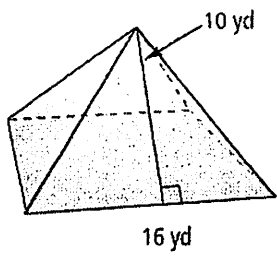


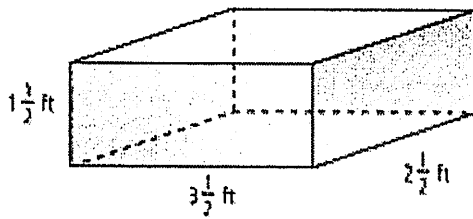
1. Find the Surface Area of the **Rectangular Pyramid**.

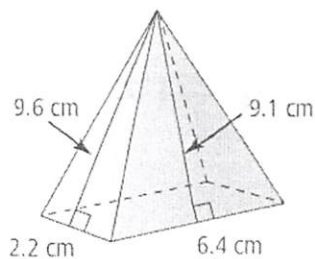


2. What is the Surface Area of the **Square Pyramid**?

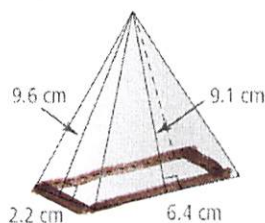


3. What is the Volume of the Rectangular Prism?



1. Find the Surface Area of the **Rectangular Pyramid**.

Bottom Base

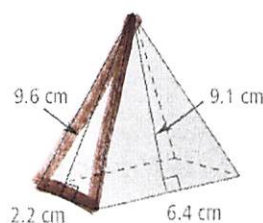


$$A = b \cdot h$$

$$A = 2.2 \cdot 6.4$$

$$A = \underline{14.08 \text{ cm}^2}$$

Left Face

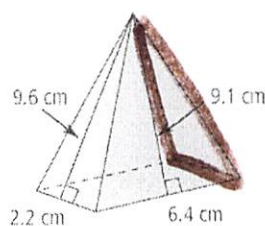


$$A = \frac{b \cdot h}{2}$$

$$A = \frac{2.2 \cdot 9.6}{2}$$

$$A = \underline{10.56 \text{ cm}^2}$$

Right Face

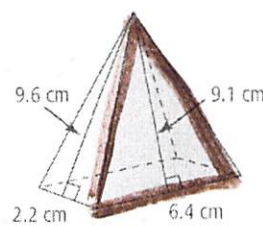


$$A = \frac{b \cdot h}{2}$$

$$A = \frac{2.2 \cdot 9.6}{2}$$

$$A = \underline{10.56 \text{ cm}^2}$$

Front Face

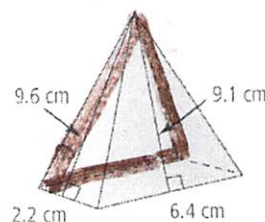


$$A = \frac{b \cdot h}{2}$$

$$A = \frac{6.4 \cdot 9.1}{2}$$

$$A = \underline{29.12 \text{ cm}^2}$$

Back Face



$$A = \frac{b \cdot h}{2}$$

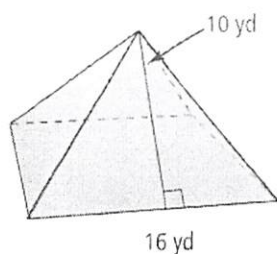
$$A = \frac{6.4 \cdot 9.1}{2}$$

$$A = \underline{29.12 \text{ cm}^2}$$

Total Surface

$$\text{Area} = 93.44 \text{ cm}^2$$

2. What is the Surface Area of the **Square Pyramid**?



Square Base

$$A = b \cdot h \quad A = 16 \cdot 16 \quad A = \underline{256 \text{ yd}^2}$$

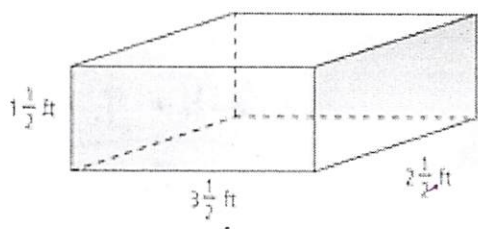
Lateral Faces $\Delta \times 4$

$$A = \frac{b \cdot h}{2} \quad A = \frac{16 \cdot 16}{2} \quad A = 80 \text{ yd}^2 \times 4 = \underline{320 \text{ yd}^2}$$

Total Surface Area

$$\begin{array}{r} 256 \text{ yd}^2 \\ + 320 \text{ yd}^2 \\ \hline \boxed{576 \text{ yd}^2} \end{array}$$

3. What is the Volume of the Rectangular Prism?



$$V = L \cdot W \cdot H$$

$$V = 3\frac{1}{2} \cdot 2\frac{1}{2} \cdot 1\frac{1}{2}$$

$$V = \frac{7}{2} \cdot \frac{5}{2} \cdot \frac{3}{2} = \frac{105}{8}$$

$$\boxed{13\frac{1}{8} \text{ ft}^3}$$