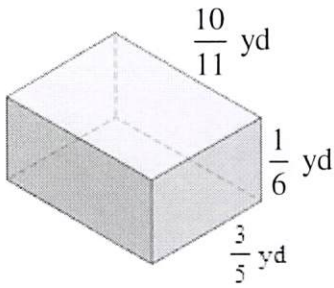
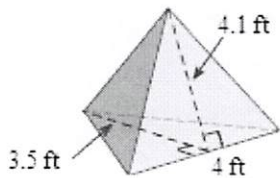


1. Find the Volume of the Rectangular Prism in *simplest fractional form*.



Remember For ALL
Formula
Substitute
Solve

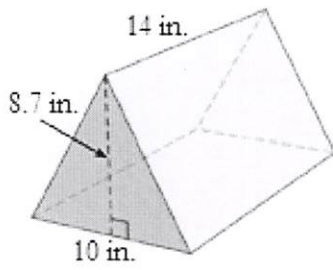
2. Find the Surface Area of the **Regular Triangular Pyramid**



Δ Base

3 Δ Lateral Faces $\times 3$

3. Find the Surface Area of the **Regular Triangular Prism**.



□ Bottom:

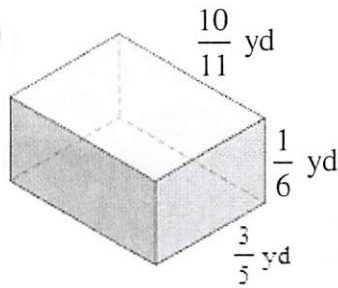
2 Δ Bases $\times 2$

□ Front:

□ Back:

4. Find the Volume of a rectangular block of ice $3\frac{1}{2}$ ft. by $\frac{1}{2}$ ft. by $\frac{1}{2}$ ft.

1. Find the Volume of the Rectangular Prism in *simplest fractional form*.



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

$$V = \frac{10}{11} \cdot \frac{1}{6} \cdot \frac{3}{5}$$

$$V = \frac{1}{11} \text{ yd}^3$$

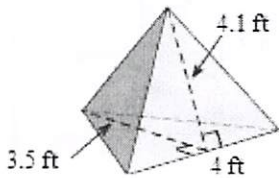
Remember For ALL

Formula

Substitute

Solve

2. Find the Surface Area of the **Regular Triangular Pyramid**



Δ Base

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

$$A = \frac{4 \cdot 3.5}{2}$$

$$A = 7 \text{ ft}^2$$

3 Δ Lateral Faces $\times 3$

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

$$A = \frac{4 \cdot 4.1}{2}$$

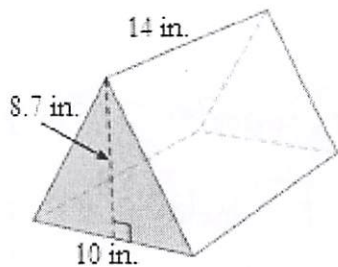
$$A = 8.2 \text{ ft}^2$$

$\times 3$

$$A = 24.6 \text{ ft}^2$$

$$\boxed{\text{Surface Area} = 31.6 \text{ ft}^2}$$

3. Find the Surface Area of the **Regular Triangular Prism**.



2 Δ Bases $\times 2$

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

$$A = \frac{10 \cdot 8.7}{2}$$

$$A = 43.5 \text{ in}^2$$

$\times 2$

$$A = \underline{87 \text{ in}^2}$$

Bottom:

$$A = b \cdot h$$

$$A = 10 \cdot 14$$

$$A = \underline{140 \text{ in}^2}$$

Front:

$$A = \underline{140 \text{ in}^2}$$

Back:

$$A = \underline{140 \text{ in}^2}$$

$$\boxed{\text{Surface Area} = 507 \text{ in}^2}$$

4. Find the Volume of a rectangular block of ice 3 ft. by $3\frac{1}{2}$ ft. by $\frac{1}{2}$ ft.

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

$$V = \frac{3}{1} \cdot \frac{7}{2} \cdot \frac{1}{2}$$

$$V = \frac{21}{4} = 5\frac{1}{4} \text{ ft}^3$$