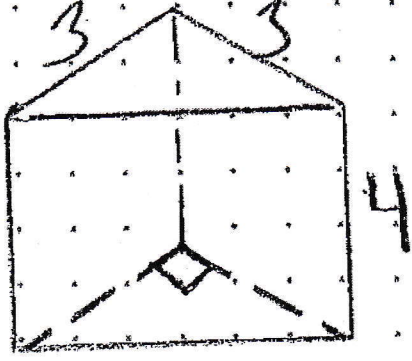


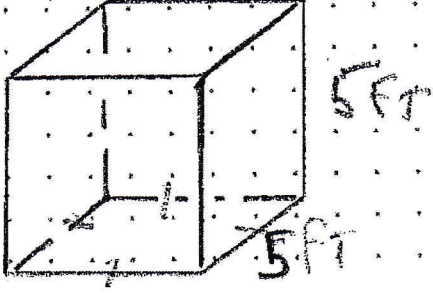
*Mig Kelly*



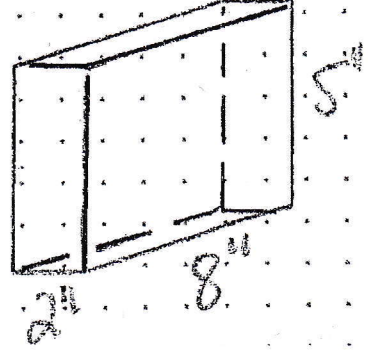
$$\sqrt{3^2 + 3^2} = \sqrt{18}$$

$$2(3)(3)\left(\frac{1}{2}\right) = 9$$

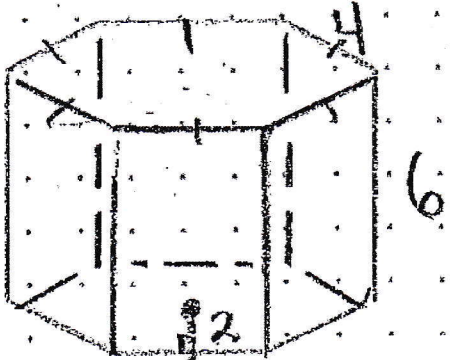
Solids Name Triangular Prism  
 Volume  $\frac{1}{2}(3)(3)4 = 18 \text{ cu. unit.}$   
 Lateral SA  $3(4)(2) = 24$   
 $4\sqrt{18} = \approx 17.41 \text{ sq. unit.}$   
 Total SA  $41 + 9 = 50 \text{ sq. unit.}$



Solids Name Cube  
 Volume  $5^3 = 125 \text{ cu ft}$   
 Lateral SA  $4(5)^2 = 100 \text{ sq ft}$   
 Total SA  $+ 2(5)^2 = 150 \text{ sq ft}$

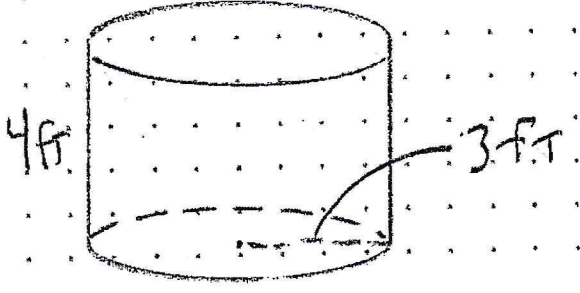


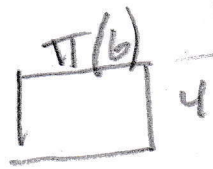
Solids Name Rectangular Prism  
 Volume  $2(8)(5) = 80 \text{ cu. in.}$   
 Lateral SA  $2(8)(5) = 80$   
 $2(2)(5) = 20$   
 Total SA  $+ 2(8)(2) = 132 \text{ sq. in.}$

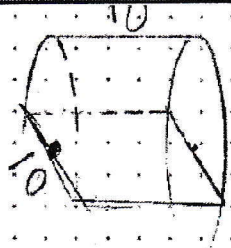


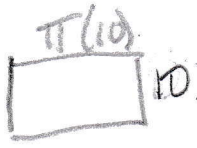
$$\frac{1}{2}(2)(24) = 24$$

Solids Name Hexagonal Prism  
 Volume  $\frac{1}{2}(2)(4)(6)(6) = 144 \text{ cu. unit.}$   
 Lateral SA  $6(4)(6) = 144 \text{ sq. unit.}$   
 Total SA  $144 + 24 = 168 \text{ sq. unit.}$

 <p>4 ft</p> <p>3 ft</p>	<p>Solids Name <u>Cylinder</u></p> <p>Volume <math>\pi(3)^2(4) = 36\pi</math> or <math>\approx 113</math> Cu. Ft</p> <p>Lateral SA <math>24\pi</math> or <math>\approx 75</math> Sq. Ft</p> <p>Total SA <math>+ 2\pi(3)^2 = 42\pi</math> or <math>\approx 132</math> Sq. Ft</p>
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 <p>10</p> <p>5</p> <p>This is supposed to be <math>\frac{1}{2}</math> of a cylinder.</p>	<p>Volume <math>\frac{1}{2}(5)^2(\pi)(10) = 125\pi</math> or <math>\approx 393</math> cu. m.</p> <p>Lateral SA <math>50\pi + 50</math> or <math>\approx 207</math> Sq. units</p> <p>Total SA</p>
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$$100\pi + (10)(10)$$

$$\frac{1}{2}(100\pi + 100)$$

$$50\pi + 50$$

$$+ \frac{1}{2}(2)\pi(5)^2$$

$$25\pi + 50\pi + 50$$

$$75\pi + 50$$

$$\approx 286 \text{ Sq. units}$$

units