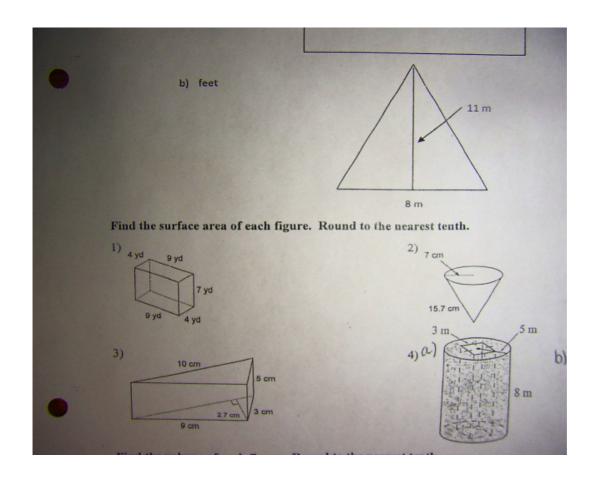
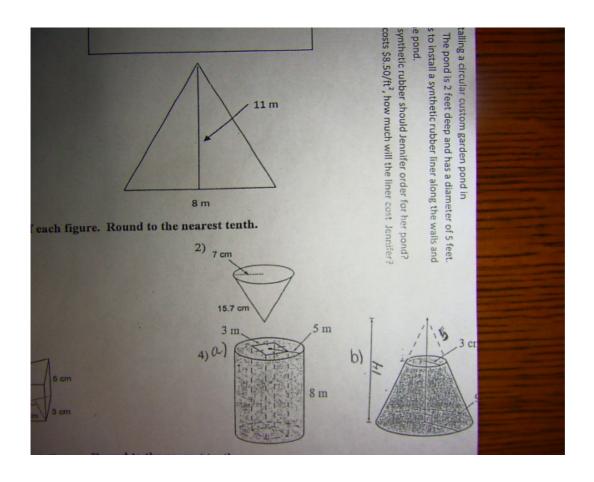
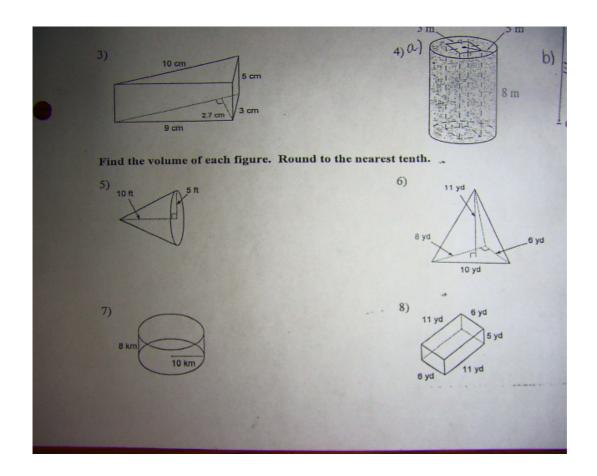
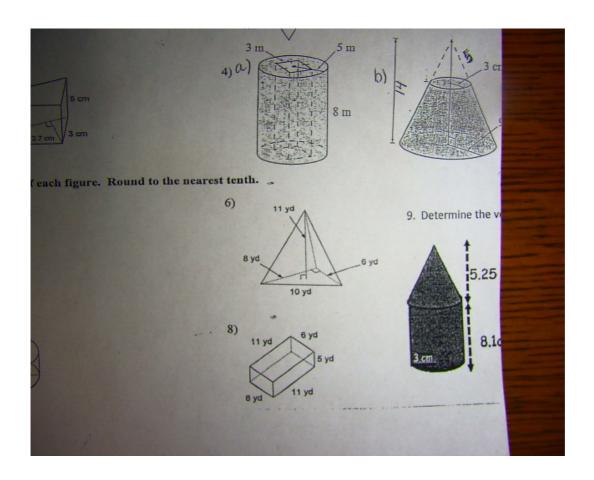
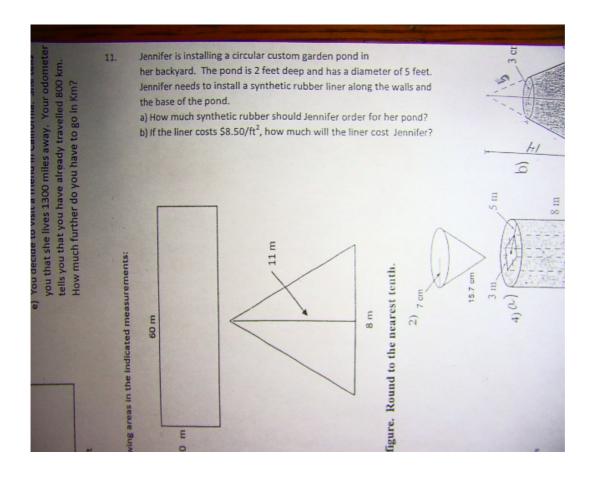
versions, Surface Area, & volume	
Calculate the following conversions:	
	10. Perform the following conversions:
a) 45 mi km	
b) 75 in cm	a) 30° Celsius = degrees Fahrenheit
c) 37gkg	
d) 26 ozlb	b) 77° Fahrenheit =degrees Celsius
e) 3000 yd mi	c) 5 US gallons = L
2. Calculate the following perimeters:	
a) Calculate in inches	d) A can of tomatoes holds 5.5 fl oz. Your recipe ca for 225 ml of tomatoes. Will you have enough?
11 ft  19 ft  3. Calculate the following areas in the indicates the	e) You decide to visit a friend in California. She tell you that she lives 1300 miles away. Your odome tells you that you have already travelled 800 km. How much further do you have to go in Km?
a) inches	area measurements.
	60 m
20 m	ter backyard. The pond entifer needs to install he base of the pond.  How much synthetic r.  The pond synthetic r.  If the liner costs \$8.50
	The syn
	The po to insi pond of Sts St
b) feet	tic rubb

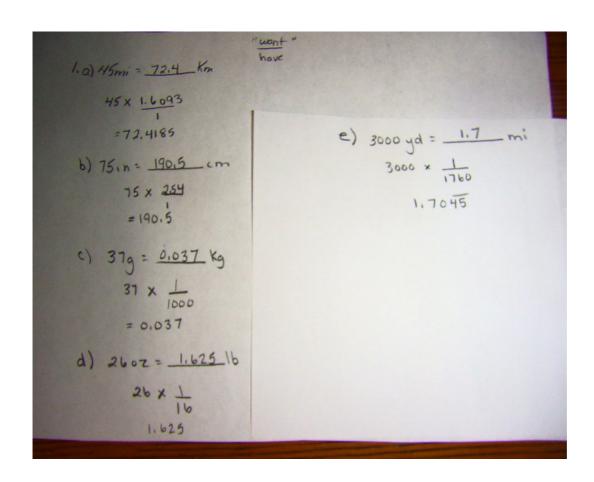


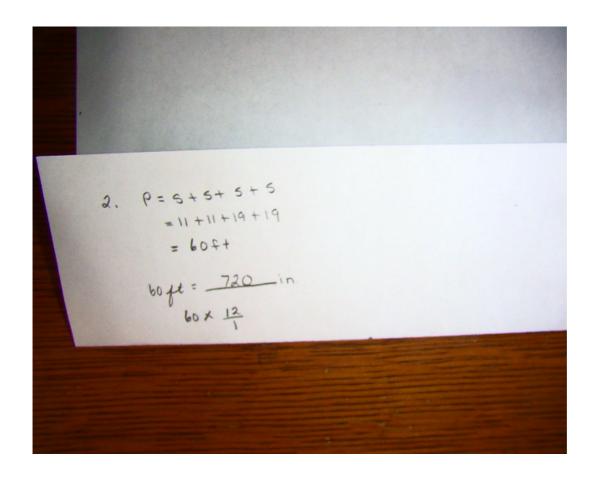


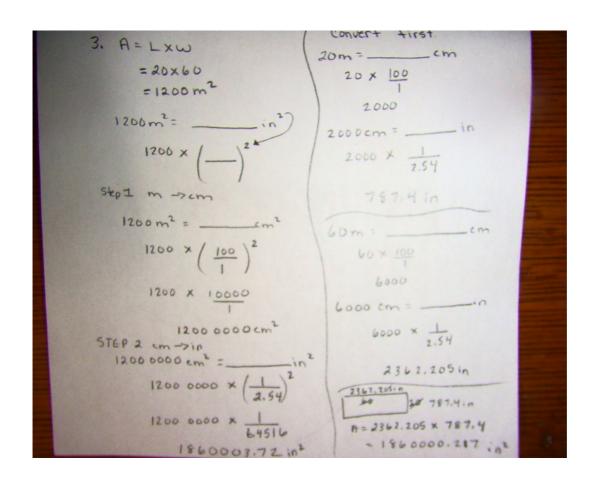












4. 
$$A = \frac{b \times h}{2}$$

$$= \frac{8 \times 11}{2}$$

$$= \frac{8 \times 2}{2}$$

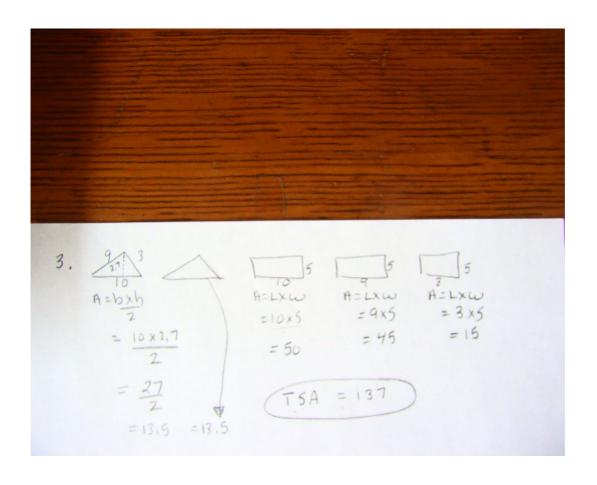
$$= 44 \text{ m}^{2}$$

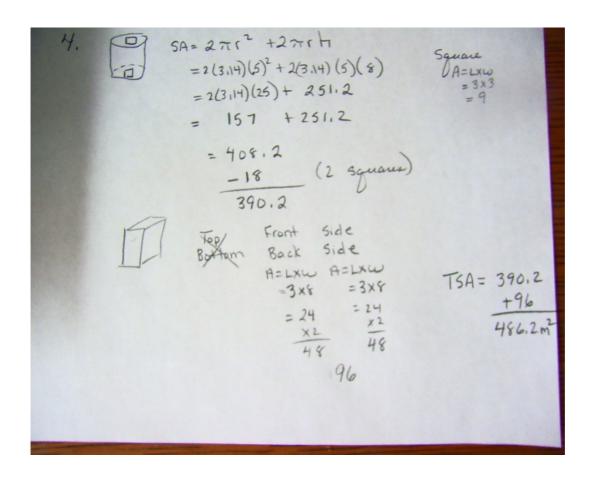
$$44 \text{ m}^{2} = \frac{44 \times (3.2808)^{2}}{1}$$

$$44 \times 10.7636$$

$$473.6 \text{ ft}^{2}$$

```
1. Top Front Side
Bottom Back Side
 A=LXW A=LXW A=LXW
               = 4x7
  =9x4 =9x7
      = 63 = 28
   = 36
                 ×2
   X2
                  56
           126
   TSA = 254 yd2
 2. SA= 712 + 715
       = (3.14)(7)2+(3.14)(7)(15.7)
        = (3.14)(49) + 345.086
        = 153.86 + 345.086
         = 498,946 cm2
```





```
46. Large Cone

717^{\frac{2}{3}} + 7175

(3,14)(9)^{\frac{2}{3}} + (3,14)(9)(16.6)

(3,14)(81) + 469.116

254.34 + 469.116

723.456

Amall Corre

717^{\frac{2}{3}} + 7175

(3,14)(3)^{\frac{2}{3}} + (3,14)(3)(5)

(3,14)(9) + 47.1

28.26 + 47.1

75.36

Top circle

75A = 723.456 - 75.36 + 28.26

= 676.356 \text{ cm}^{\frac{2}{3}}
```

5. 
$$V = \frac{A_{bose} \times H}{3}$$

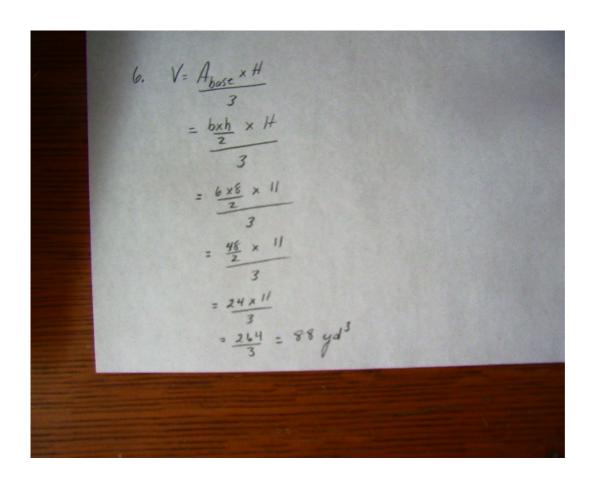
$$= \frac{7! r^2 \times H}{3}$$

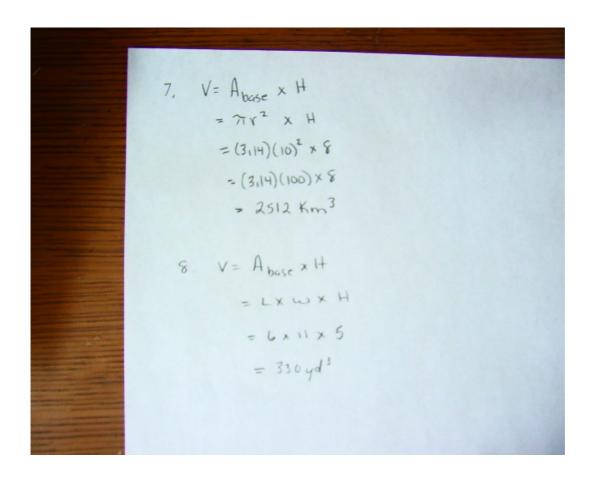
$$= (3.14)(5)^2 \times 10$$

$$= \frac{(3.14)(25) \times 10}{3}$$

$$= \frac{785}{3}$$

$$= 261.7 \text{ ft}^3$$





9. 
$$V = \frac{A_{base} \times H}{3}$$
 $= \frac{71}{7^2 \times H}$ 
 $= (3.14)(3)^2 \times 5.25$ 
 $= \frac{8.14}{9} \times 9.25$ 
 $= \frac{148.365}{3}$ 
 $= 49.455 \text{ cm}^3$ 
 $V = A_{base} \times H$ 
 $= 71^2 \times H$ 
 $= (3.14)(3)^2 \times 8.1$ 
 $= (3.14)(9) \times 8.1$ 
 $= 228.906 \text{ cm}^3$ 
 $= 328.906 \text{ cm}^3$ 

10. a) 
$$36^{\circ}C = - F$$
 (b)  $77^{\circ}F = C$ 

$$F = \frac{9}{5}C + 32$$

$$= \frac{9}{5}(30) + 32$$

$$= 54 + 32$$

$$= 54 + 32$$

$$= 86^{\circ}F$$

$$= 25^{\circ}C$$

c) 5 Us gallons = 18,925 L
$$5 \times 3.785$$

$$= 18,925$$

