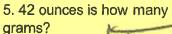
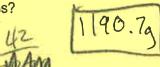
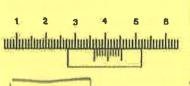
1. Convert 100 inches into feet and inches	Convert 320 inches into feet and inches	Convert 205 inches into feet and inches
18ft 4in	26ft 8in	[17ft lin]
2. I am am making a flower bed for my front lawn and need to by the material in 8 ft	I am am making a flower bed for my front lawn and need to by the material in 6 ft lengths,	I am am making a flower bed for my front lawn and need to by the material in 11 ft
lengths, how many boards would I need to purchase for a flower bed that is 200	how many boards would I need to purchase for a flower bed that is 500 inches by 250	lengths, how many boards would I need to purchase for a flower bed that is 300
inches by 150 inches?	inches?	inches by 100 inches?  Soo in  13'2
8 boards	21 boards	7 boards
3. Convert 123456 ft into miles	Convert 135490 cm into meters	Convert 25 yrds into inches
23.38 mi	135490 = 1354.9M	
		1 900 in 1
		900 in
4. A circular carpet has an area of 113.10 $m^2$ . What is	A square flower bed has an area of $1225 ft^2$ . What is the	A circle on the end of a telescope has an area of
1	l · · ·	A circle on the end of a
area of 113.10 $m^2$ . What is	area of $1225ft^2$ . What is the side length in inches?	A circle on the end of a telescope has an area of 28.27 cm <sup>2</sup> . What is the
area of 113.10 $m^2$ . What is the radius in cm?	area of 1225 $ft^2$ . What is the	A circle on the end of a telescope has an area of 28.27 cm <sup>2</sup> . What is the length of the radius in inches?



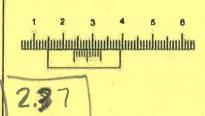


1275 grams is how many pounds?

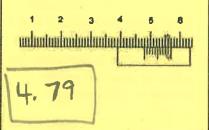
6. What does this vernier caliper read as?



What does this vernier caliper read as?

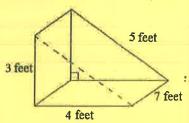


What does this vernier caliper read as?

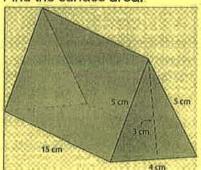


7. Find the surface area:

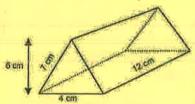
3.65



Find the surface area:



Find the surface area:

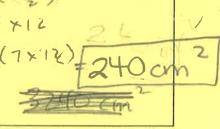


ZAS

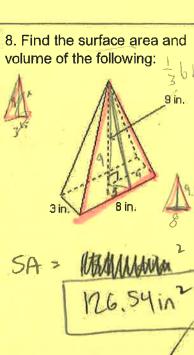
$$7x5 = 35$$
 $7x4 = 28$ 

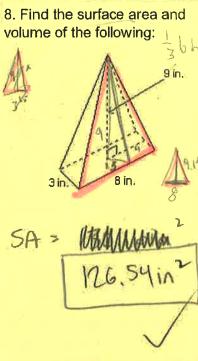
$$2(\frac{4k3}{2})$$
 12  
 $4 \times 15$  60  
 $2(5 \times 15)$  150

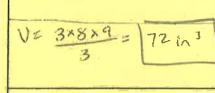
222cm2



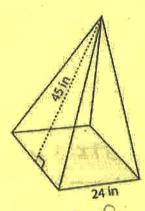
seperte sheet



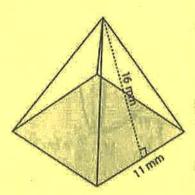




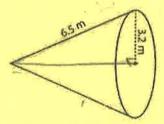
Find the surface area and volume of the following square based pyramid:



See end of practice tes for solutions Find the surface area and volume of the following square based pyramid:



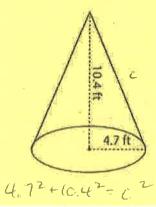
9. Find the surface area and volume of the following:



SA =TTr + TTrs T(3.2) +T(3.2)(65) SA = 91.5 m2

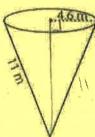
リンラがか 6.52-3.22 = h2 h = 5.6577

Find the surface area and volume of the following:



C=11.4127 SA=TT/2+TT/S TT (4.7) +TT (4.7)(11 ) CA =237.94+2

Find the surface area and volume of the following:

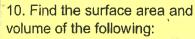


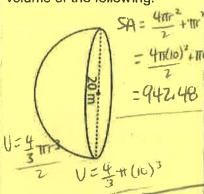
SA = tTr 2 + TTrs = TT(46) +TT(41)(11) = 225,4 U= totte 2h = TT(4.6)2(9.99 20)

V= \frac{1}{3.2}2 (5.6577) V= \frac{1}{3.72}h V= T(4.7)2(10.4) V = 60.67 m3

V=240.6 ft 3

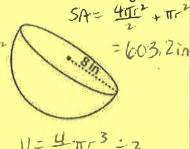
 $=221.4 \text{ m}^3$ 





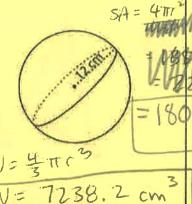
7094.40

Find the surface area and volume of the following:

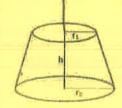


1072.3 in3

Find the surface area and volume of the following:



11. A cone has it's top cut of. Find the surface area and volume of the cone if the bottom circle has a radius of 6cm and the top circle has a radius of 3cm and the distance from the top to the bottom is 5cm DCM

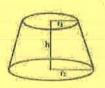


SA = 306, 24 cm V=329,87cm3

A cone has it's top cut of. Find the surface area and volume of the cone if the bottom circle has a radius of 5cm and the top circle has a radius of 2cm and the distance from the top to the bottom is 6cm



A cone has it's top cut of. Find the surface area and volume of the cone if the bottom circle has a radius of 10cm and the top circle has a radius of 3cm and the distance from the top to the bottom is 7cm



12. Find the height of a cylinder if it's volume is 6000 cm<sup>3</sup> and it's radius is 5cm

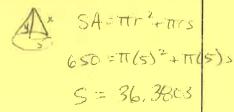
$$V = \pi r^2 h$$
  
 $\frac{6000}{\pi (5)^2} = \pi (5)^2 h$ 

Find the radius of a sphere if it's volume is 904 cm<sup>3</sup>

$$V = \frac{4}{3}\pi r^3$$
 $904 = \frac{4}{3}\pi r^3$ 
 $2712 = 4\pi r^3$ 
 $215.8141 = r^3$ 

r=6cm

Find the height of a cone if the radius is 5 cm and the surface area is 650 cm<sup>2</sup>

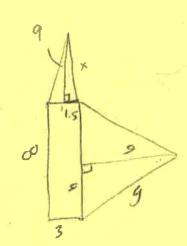


36, 3503

36.3803 - 52

5=36.0



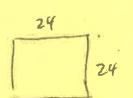


$$4.5^{2}+9^{2}=x^{2}$$
  
 $x=9.1241$ 

$$9^{2}+4^{2}=y^{2}$$
 $y=9.8489$ 

$$9^{2}_{+4}^{2}=y^{2}_{-9.8489}$$
  $Z\Delta$ 's  $Z\left(\frac{3\times9.8489}{2}\right)$ 





$$= 4(\frac{24\times45}{2}) + 24^2$$

All triangles same

$$V = (24)^2 \cdot 43.3705$$

V=8327.1 in3

$$SA = 4\Delta s + \Box$$
  
=  $4(\frac{0 \times 10}{2}) + 11^{2}$   
=  $473 \text{ mm}^{2}$ 

Veed height for Volume

$$V = (11^2)(15.0250) = 606.0 \text{ mm}^3$$

$$\frac{\pi(b)^2(10)}{3} - \frac{T(3)^2(5)}{3} = V - 329.87 \text{ cm}^3$$

$$SA = Tr^{2} + TrS$$

$$T(S)^{2} + T(S)(TML)$$

$$- T(2)(TG)$$

$$+ T(2)^{2}$$

$$V = \frac{1}{3}\pi r^{2}h - \frac{1}{3}\pi r^{2}h$$

$$\frac{\pi(5)^{2}(11)}{3} - \frac{\pi(2)^{2}(5)}{3}$$

$$V = 267.04 \text{ cm}^3$$

$$T(10)^{2}+T(10)(12)$$
-  $T(3)(5)$ 
+  $T(3)^{2}$ 

$$V = \frac{1}{3} \pi r^{2} h - \frac{1}{3} \pi r^{2} h$$

$$= \frac{\pi(10)^{2}(12)}{(12)} - \frac{\pi(3)^{2}(5)}{(5)}$$