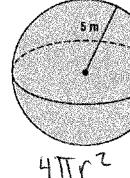


22)

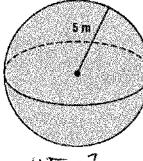
185145-123) Find the surface area.



17(10)4(1273)

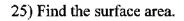


24) Find the surface area of a hemisphere, if the area of the great circle is 4π ft²



SA = 3TTV

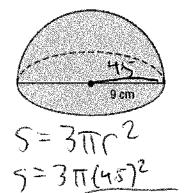
$$S = 1217$$
 $S = 37.7$

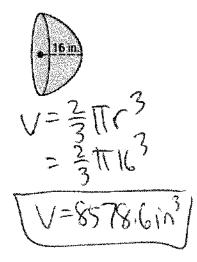


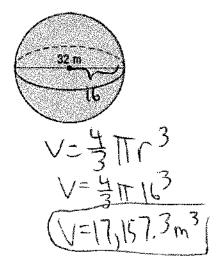
26) Find the volume

27) Find the volume.

314.2m2



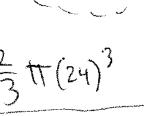


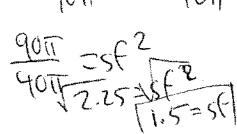


28) Find the volume of a hemisphere if the diameter is 48yd.

2) Two similar pyramids have heights of 4 inches and 7 inches. What is the ratio of the volume of the small pyramid to the volume of the large pyramid.

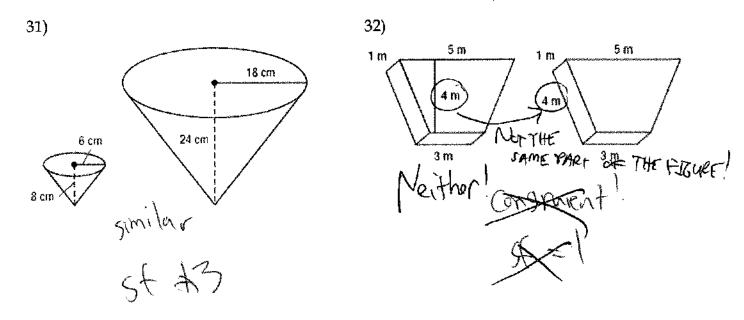
30) Two similar cylinders have surface areas of 40π square feet and 90π square feet. What is the ratio of the height of the large cylinder to the height of the small cylinder.





V=28937.9.23

Determine whether each pair of solids is *similar*, *congruent*, or *neither*. If the solids are similar, state the scale factor of the smaller solid to the bigger solid.



33) Two similar pyramids have heights of 4 inches and 7 inches What is the ratio of the volume of the small pyramid to the volume of the large pyramid?

34) Two similar ice cream cones are made of a half sphere on top and a cone on bottom. They have radii of 1 inch. and 1.75 inches respectively. What is the ratio of the volume of the small ice cream cone to the volume of the large ice cream cone? Round to the nearest tenth.