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| Find the surface area of spheres. | $$S=4πr^{2}$$ | 1. Find the surface area of the sphere.

 | 2. What is the diameter of a sphere with a surface area of 44$π$ $cm^{2}$? |
| Find the volume of spheres. | $$V=\frac{4}{3}πr^{3}$$ | 3. A beach ball has a diameter of 8 inches. Find its volume. | 4. Find the volume of the hemisphere. |
| Find the volume of prisms and cylinders. | V=Bh(where B is the area of the base)ARectangle= bhACircle= πr2ATriangle= ½ bhATrapezoid = ½(b1+b2)h | 5. Find the volume. 4 m 2 m 10 m | 6. Find the volume.  12 inhttp://etc.usf.edu/clipart/42200/42221/cylprism_42221_lg.gif 20 in |
| 7. Find the volume.  22cm25cm 21 cm  35 cm | 8. Find the volume.http://preview.channel4learning.com/espresso/clipbank/images/students/learning_paths/lp_maths_prisms_ws3_3.jpg |
| Find the volume of pyramids and cones. | V = 1/3 Bh | 9. Find the volume.http://www.clker.com/cliparts/b/T/d/V/N/B/cone-md.png15.8 yd 15 yd  5 yd | 10. Find the volume.http://etc.usf.edu/clipart/43200/43200/quad9_43200_lg.gif44 in   28 in 30 in  |