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| Find the surface area of spheres. |  | 1. Find the surface area of the sphere. | 2. What is the diameter of a sphere with a surface area of 44 ? |
| Find the volume of spheres. |  | 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= bh  ACircle= πr2  ATriangle= ½ bh  ATrapezoid = ½(b1+b2)h | 5. Find the volume.  4 m  2 m  10 m | 6. Find the volume.    12 in  http://etc.usf.edu/clipart/42200/42221/cylprism_42221_lg.gif    20 in |
| 7. Find the volume.      22cm  25cm    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.png  15.8 yd    15 yd    5 yd | 10. Find the volume.  http://etc.usf.edu/clipart/43200/43200/quad9_43200_lg.gif  44 in        28 in    30 in |