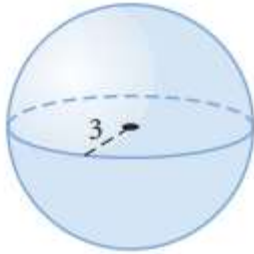
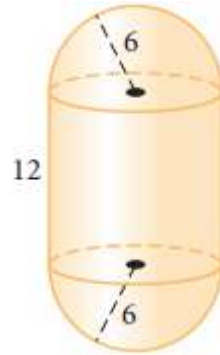


Find the volume of each solid. All measurements are in centimeters.

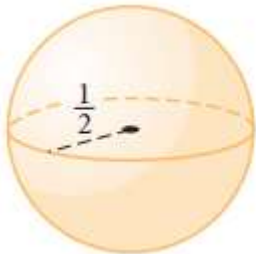
1)



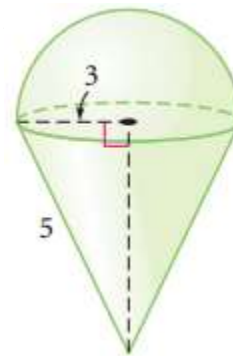
4)



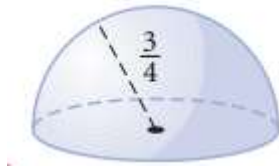
2)



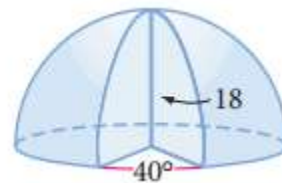
5)



3)



6)



Complete.

7) A sphere of ice cream is placed onto your ice cream cone. Both have a diameter of 8 cm. The height of your cone is 12 cm. If you push the ice cream into the cone, will all of it fit? Why or why not?

8) Which is greater, the volume of a hemisphere with radius 2 cm or the total volume of two cones with radius 2 cm and height 2 cm?

- 9) If the diameter of a student's brain is about 6 inches, and you assume its shape is approximately a hemisphere, then what is the volume of the student's brain?

**THE FAR SIDE<sup>®</sup>** By **GARY LARSON**



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"Mr. Osborne, may I be excused? My brain is full."