

**Chapter 9:** Area and Volume  
**Lesson 9-4:** Spheres  
**Classwork**

name \_\_\_\_\_  
 date \_\_\_\_\_  
 period \_\_\_\_

Fill in the chart using the given information about spheres. Write your answers in terms of  $\pi$ .

| Radius        | Diameter | Surface Area | Volume       |
|---------------|----------|--------------|--------------|
| $\frac{1}{8}$ |          |              |              |
| 2             |          |              |              |
|               | 6        |              |              |
|               |          | $72\pi$      |              |
|               |          | $100\pi$     |              |
|               |          |              | $288\pi$     |
|               |          |              | $(256/3)\pi$ |