Name $\qquad$
$\qquad$

## Cones, Pyramids, and Spheres

Find the volume of each solid to the nearest tenth. (use $\pi=3.14$ )

| 1. $\begin{aligned} & a=6 \mathrm{~km} \\ & b=9 \mathrm{~km} \end{aligned}$ | 2. $\begin{aligned} \mathrm{a} & =2 \mathrm{ft} \\ \mathrm{~b} & =3 \mathrm{ft} \end{aligned}$ | 3. $\begin{aligned} & \mathrm{a}=5.6 \mathrm{yd} \\ & \mathrm{~b}=7.8 \mathrm{yd} \\ & \mathrm{c}=8.8 \mathrm{yd} \end{aligned}$ |
| :---: | :---: | :---: |
| 4. <br> $\mathrm{a}=4 \mathrm{~m}$ <br> $\mathrm{b}=9 \mathrm{~m}$ <br> $\mathrm{c}=5 \mathrm{~m}$ | 5. $\begin{aligned} & \mathrm{a}=7.3 \mathrm{in} \\ & \mathrm{~b}=8.1 \mathrm{in} \end{aligned}$ | 6. |
| 7. $\begin{aligned} \mathrm{a} & =1 \mathrm{~cm} \\ \mathrm{~b} & =8 \mathrm{~cm} \\ \mathrm{c} & =8 \mathrm{~cm} \end{aligned}$ | 8. $\begin{array}{ll} \mathrm{a}= & 4 \text { in } \\ \mathrm{b} & =5 \text { in } \\ \mathrm{c}= & 6 \text { in } \end{array}$ | 9. $\mathrm{a}=10.2 \mathrm{ft}$ |
| 10. $\begin{aligned} \mathrm{a} & =4.8 \mathrm{~m} \\ \mathrm{~b} & =6.3 \mathrm{~m} \\ \mathrm{c} & =6.2 \mathrm{~m} \end{aligned}$ | 11. $\begin{aligned} & \mathrm{a}=5 \mathrm{~km} \\ & \mathrm{~b}=8 \mathrm{~km} \end{aligned}$ | 12. $\begin{aligned} \mathrm{a} & =6 \mathrm{yd} \\ \mathrm{~b} & =9 \mathrm{yd} \\ \mathrm{c} & =8 \mathrm{yd} \end{aligned}$ |

