Name $\qquad$
Prisms and Cylinders
Find the volume of each solid to the nearest tenth. (use $\pi=3.14$ )

| 1. $\begin{aligned} \mathrm{a} & =3 \mathrm{ft} \\ \mathrm{~b} & =20 \mathrm{ft} \end{aligned}$ | 2. $\begin{aligned} a & =7 y d \\ b & =25 y d \end{aligned}$ | 3. $\begin{aligned} & \mathrm{a}=17.6 \mathrm{~cm} \\ & \mathrm{~b}=56.5 \mathrm{~cm} \end{aligned}$ |
| :---: | :---: | :---: |
| 4. $\begin{aligned} & \mathrm{a}=8 \text { in } \\ & \mathrm{b}=56 \text { in } \end{aligned}$ | 5. $\begin{aligned} & \mathrm{a}=39.1 \mathrm{~km} \\ & \mathrm{~b}=29 \mathrm{~km} \\ & \mathrm{c}=74 \mathrm{~km} \end{aligned}$ | 6. $\begin{aligned} \mathrm{a} & =7.43 \mathrm{~m} \\ \mathrm{~b} & =7 \mathrm{~m} \\ \mathrm{c} & =13 \mathrm{~m} \end{aligned}$ |
| 7. $\begin{aligned} \mathrm{a} & =6 \mathrm{ft} \\ \mathrm{~b} & =25 \mathrm{ft} \end{aligned}$ | 8. $\begin{aligned} & \mathrm{a}=8.12 \mathrm{yd} \\ & \mathrm{~b}=6 \mathrm{yd} \\ & \mathrm{c}=14 \mathrm{yd} \end{aligned}$ | 9. $\begin{aligned} \mathrm{a} & =38.2 \mathrm{~km} \\ \mathrm{~b} & =15 \mathrm{~km} \\ \mathrm{c} & =9 \mathrm{~km} \end{aligned}$ |
| 10. $\begin{aligned} & \mathrm{a}=2 \text { in } \\ & \mathrm{b}=64 \text { in } \end{aligned}$ | 11. $\begin{aligned} \mathrm{a} & =2.42 \mathrm{~m} \\ \mathrm{~b} & =12 \mathrm{~m} \\ \mathrm{c} & =12 \mathrm{~m} \end{aligned}$ | 12. $\begin{aligned} \mathrm{a} & =50.4 \mathrm{~cm} \\ \mathrm{~b} & =63.4 \mathrm{~cm} \end{aligned}$ |

