Name $\square$
$\qquad$

## Prisms and Cylinders

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

| 1. $\begin{aligned} & \mathrm{a}=2 \mathrm{ft} \\ & \mathrm{~b}=19 \mathrm{ft} \end{aligned}$ | 2. $\begin{aligned} & \mathrm{a}=34 \mathrm{in} \\ & \mathrm{~b}=65 \mathrm{in} \end{aligned}$ | 3. $\begin{aligned} & a=7.17 \mathrm{~m} \\ & b=13 \mathrm{~m} \\ & c=13 \mathrm{~m} \end{aligned}$ |
| :---: | :---: | :---: |
| 4. $\begin{aligned} & \mathrm{a}=6.86 \mathrm{yd} \\ & \mathrm{~b}=4 \mathrm{yd} \\ & \mathrm{c}=14 \mathrm{yd} \end{aligned}$ | 5. $\begin{aligned} & \mathrm{a}=41.3 \mathrm{~cm} \\ & \mathrm{~b}=44 \mathrm{~cm} \\ & \mathrm{c}=77.6 \mathrm{~cm} \end{aligned}$ | 6. $\begin{aligned} \mathrm{a} & =11 \mathrm{~km} \\ \mathrm{~b} & =56 \mathrm{~km} \end{aligned}$ |
| 7. $\begin{aligned} \mathrm{a} & =1 \mathrm{ft} \\ \mathrm{~b} & =16 \mathrm{ft} \end{aligned}$ | 8. <br> b $\begin{aligned} & \mathrm{a}=15 \mathrm{in} \\ & \mathrm{~b}=64 \mathrm{in} \end{aligned}$ | 9. $\begin{aligned} \mathrm{a} & =38.8 \mathrm{yd} \\ \mathrm{~b} & =55.1 \mathrm{yd} \end{aligned}$ |
| 10. $\begin{aligned} & \mathrm{a}=49 \mathrm{~m} \\ & \mathrm{~b}=10 \mathrm{~m} \\ & \mathrm{c}=8 \mathrm{~m} \end{aligned}$ | 11. $\begin{aligned} \mathrm{a}= & 3.27 \mathrm{~km} \\ \mathrm{~b}= & 5 \mathrm{~km} \\ \mathrm{c}= & 14 \mathrm{~km} \end{aligned}$ | 12. $\begin{aligned} & \mathrm{a}=8.38 \mathrm{~cm} \\ & \mathrm{~b}=6 \mathrm{~cm} \\ & \mathrm{c}=13 \mathrm{~cm} \end{aligned}$ |

