Name $\qquad$

Date $\qquad$

## Prisms and Cylinders

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

| 1. $\begin{aligned} \mathrm{a} & =2.66 \mathrm{~m} \\ \mathrm{~b} & =6 \mathrm{~m} \\ \mathrm{c} & =11 \mathrm{~m} \end{aligned}$ | 2. $\begin{aligned} & \mathrm{a}=6 \mathrm{~cm} \\ & \mathrm{~b}=17 \mathrm{~cm} \end{aligned}$ | 3. $\begin{aligned} & \mathrm{a}=8.26 \mathrm{yd} \\ & \mathrm{~b}=5 \mathrm{yd} \\ & \mathrm{c}=13 \mathrm{yd} \end{aligned}$ |
| :---: | :---: | :---: |
| 4. $\begin{aligned} & \mathrm{a}=25 \mathrm{ft} \\ & \mathrm{~b}=64 \mathrm{ft} \end{aligned}$ | 5. $\begin{aligned} & \mathrm{a}=21.8 \mathrm{in} \\ & \mathrm{~b}=21.2 \mathrm{in} \\ & \mathrm{c}=37 \mathrm{in} \end{aligned}$ | 6. $\begin{aligned} \mathrm{a} & =34 \mathrm{~km} \\ \mathrm{~b} & =10 \mathrm{~km} \\ \mathrm{c} & =19 \mathrm{~km} \end{aligned}$ |
| 7. $\begin{aligned} & \mathrm{a}=5.03 \mathrm{in} \\ & \mathrm{~b}=14 \mathrm{in} \\ & \mathrm{c}=14 \mathrm{in} \end{aligned}$ | 8. $\begin{aligned} & \mathrm{a}=35 \mathrm{~m} \\ & \mathrm{~b}=56 \mathrm{~m} \end{aligned}$ | 9. $\begin{aligned} \mathrm{a}= & 1 \mathrm{~km} \\ \mathrm{~b}= & 17 \mathrm{~km} \end{aligned}$ |
| 10. $\begin{aligned} & \mathrm{a}=21 \mathrm{ft} \\ & \mathrm{~b}=59 \mathrm{ft} \end{aligned}$ | 11. $\begin{aligned} & \mathrm{a}=4.4 \mathrm{~cm} \\ & \mathrm{~b}=16.9 \mathrm{~cm} \end{aligned}$ | 12. $\begin{aligned} \mathrm{a} & =3.23 \mathrm{yd} \\ \mathrm{~b} & =4 \mathrm{yd} \\ \mathrm{c} & =12 \mathrm{yd} \end{aligned}$ |

