Name $\qquad$
$\qquad$

## Surface Area

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

| 1. $\begin{aligned} & \mathrm{a}=48 \mathrm{~cm} \\ & \mathrm{~b}=22 \mathrm{~cm} \\ & \mathrm{c}=26 \mathrm{~cm} \end{aligned}$ | 2. $\begin{aligned} & \mathrm{a}=5 \mathrm{~mm} \\ & \mathrm{~b}=12 \mathrm{~mm} \\ & \mathrm{c}=5.7 \mathrm{~mm} \\ & \mathrm{~d}=13 \mathrm{~mm} \end{aligned}$ | 3. $\begin{aligned} & \mathrm{a}=44 \mathrm{in} \\ & \mathrm{~b}=39 \mathrm{in} \\ & \mathrm{c}=44 \mathrm{in} \end{aligned}$ |
| :---: | :---: | :---: |
| 4. $\begin{aligned} \mathrm{a}= & 19 \mathrm{~mm} \\ \mathrm{~b} & =14.4 \mathrm{~mm} \end{aligned}$ | 5. $\begin{aligned} & \mathrm{a}=18.8 \mathrm{~cm} \\ & \mathrm{~b}=9.7 \mathrm{~cm} \end{aligned}$ | 6. $\begin{aligned} & \mathrm{a}=56 \mathrm{in} \\ & \mathrm{~b}=77 \mathrm{in} \\ & \mathrm{c}=66 \mathrm{in} \\ & \mathrm{~d}=65 \mathrm{in} \end{aligned}$ |
| 7. $\begin{aligned} \mathrm{a} & =8 \mathrm{~mm} \\ \mathrm{~b} & =15 \mathrm{~mm} \\ \mathrm{c}= & =3.4 \mathrm{~mm} \\ \mathrm{~d} & =17 \mathrm{~mm} \end{aligned}$ | 8. $\begin{aligned} & \mathrm{a}=45 \mathrm{in} \\ & \mathrm{~b}=62 \mathrm{in} \\ & \mathrm{c}=56 \mathrm{in} \\ & \mathrm{~d}=53 \mathrm{in} \end{aligned}$ | 9. $\begin{aligned} \mathrm{a} & =5.2 \mathrm{~cm} \\ \mathrm{~b} & =9.5 \mathrm{~cm} \\ \mathrm{c} & =6.2 \mathrm{~cm} \end{aligned}$ |
| 10. $\begin{aligned} \mathrm{a} & =33 \mathrm{~cm} \\ \mathrm{~b} & =6 \mathrm{~cm} \\ \mathrm{c} & =8 \mathrm{~cm} \end{aligned}$ | 11. $\begin{aligned} \mathrm{a} & =10 \mathrm{~mm} \\ \mathrm{~b} & =9 \mathrm{~mm} \end{aligned}$ | 12. $\begin{array}{ll} \mathrm{a}=24 \mathrm{in} \\ \mathrm{~b}= & 45 \mathrm{in} \\ \mathrm{c}= & 4.5 \mathrm{in} \\ \mathrm{~d}= & 51 \mathrm{in} \end{array}$ |

