Name $\square$
$\qquad$

## Surface Area

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

| 1. $\begin{aligned} \mathrm{a} & =8 \mathrm{~cm} \\ \mathrm{~b} & =15 \mathrm{~cm} \\ \mathrm{c} & =7.3 \mathrm{~cm} \\ \mathrm{~d} & =17 \mathrm{~cm} \end{aligned}$ | 2. <br> $\mathrm{a}=56$ in <br> $b=75$ in <br> c $=66$ in <br> $\mathrm{d}=65$ in | 3. $\begin{aligned} & \mathrm{a}=32 \mathrm{~mm} \\ & \mathrm{~b}=7 \mathrm{~mm} \end{aligned}$ |
| :---: | :---: | :---: |
| 4. $\begin{aligned} \mathrm{a} & =35 \mathrm{~cm} \\ \mathrm{~b} & =48 \mathrm{~cm} \\ \mathrm{c} & =24 \mathrm{~cm} \\ \mathrm{~d} & =37 \mathrm{~cm} \end{aligned}$ | 5. $\begin{aligned} \mathrm{a} & =56 \mathrm{~mm} \\ \mathrm{~b} & =32 \mathrm{~mm} \\ \mathrm{c} & =42 \mathrm{~mm} \end{aligned}$ | 6. $\begin{array}{ll} \mathrm{a}=19 \mathrm{in} \\ \mathrm{~b}= & 7.7 \mathrm{in} \end{array}$ |
| 7. $\begin{aligned} & \mathrm{a}=37.8 \mathrm{~cm} \\ & \mathrm{~b}=17.4 \mathrm{~cm} \end{aligned}$ | 8. $\begin{aligned} \mathrm{a} & =41 \mathrm{~mm} \\ \mathrm{~b} & =15 \mathrm{~mm} \\ \mathrm{c} & =23 \mathrm{~mm} \end{aligned}$ | 9. $\begin{aligned} & \mathrm{a}=5.3 \text { in } \\ & \mathrm{b}=6.5 \text { in } \\ & \mathrm{c}=6.8 \text { in } \end{aligned}$ |
| 10. $\begin{aligned} & \mathrm{a}=28 \mathrm{~mm} \\ & \mathrm{~b}=45 \mathrm{~mm} \\ & \mathrm{c}=3.6 \mathrm{~mm} \\ & \mathrm{~d}=53 \mathrm{~mm} \end{aligned}$ | 11. $\begin{aligned} & \mathrm{a}=35 \mathrm{~cm} \\ & \mathrm{~b}=31 \mathrm{~cm} \\ & \mathrm{c}=36 \mathrm{~cm} \end{aligned}$ | 12. <br> $\mathrm{a}=21 \mathrm{in}$ <br> $\mathrm{b}=38$ in <br> c $=40$ in <br> $\mathrm{d}=29$ in |

