

Chapter 10

Geometry and Measurement

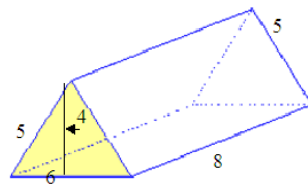
10.6 Surface Area Practice

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NOTES (10.6) Surface Area Practice

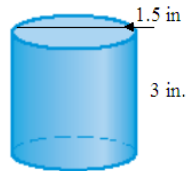
Do HW like these samples

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Triangular prism

$$\begin{aligned} S &= \frac{1}{2} (6 \cdot 4) + \frac{1}{2} (6 \cdot 4) \\ &\quad + (6 \cdot 8) + 2 (5 \cdot 8) + \\ S &= (6 \cdot 4) + (6 \cdot 8) + 2 \cdot 40 \\ S &= 24 + 48 + 80 \\ S &= 152 \text{ cm}^2 \end{aligned}$$



22)

$$S = (\pi \times 0.75^2) + (\pi \times 0.75^2) + (3 \times 4.7)$$

$$S = (3.14 \times 0.5625) + (3.14 \times 0.5625) + 14.1$$

$$S = 1.76625 + 1.76625 + 14.1$$

$$S = 17.6325$$

$$S = 17.6 \text{ in}^2$$