

Answer Key for 12-2 Worksheet

1) 12, 11.66 2) 17, 18.79 3) 13.75, 16.16

4) 10.91, 12 5) $LA = 90 \text{ in}^2$ $TA = 105.6 \text{ in}^2$ $V = 50.23 \text{ in}^3$

6) $LA = 135 \text{ yd}^2$ $TA = 216 \text{ yd}^2$ $V = 162 \text{ yd}^3$

7) $LA = 2000 \text{ m}^2$ $TA = 3600 \text{ m}^2$ $V = 8000 \text{ m}^3$

8) $LA = 144 \text{ ft}^2$ $TA = 206.34 \text{ ft}^2$ $V = 126.34 \text{ ft}^3$