

Answer Key for Prism Worksheet:

- 1) $V = 30 \text{ units}^3$; $LA = 42 \text{ units}^2$; $TA = 62 \text{ units}^2$
- 2) $V = 12 \text{ units}^3$; $LA = 24 \text{ units}^2$; $TA = 36 \text{ units}^2$
- 3) $V = 16 \text{ units}^3$; $LA = 27.31 \text{ units}^2$; $TA = 43.31 \text{ units}^2$
- 4) $V = 64 \text{ units}^3$; $LA = 48 \text{ units}^2$; $TA = 112 \text{ units}^2$
- 5) $V = 160 \text{ units}^3$; $LA = 112 \text{ units}^2$; $TA = 192 \text{ units}^2$
- 6) $V = 480 \text{ units}^3$; $LA = 320 \text{ units}^2$; $TA = 440 \text{ units}^2$
- 7) $V = 45 \text{ units}^3$; $LA = 102.4 \text{ units}^2$; $TA = 111.4 \text{ units}^2$
- 8) $V = 27 \text{ units}^3$; $LA = 36 \text{ units}^2$; $TA = 54 \text{ units}^2$
- 9) $V = 36 \text{ units}^3$; $LA = 36 \text{ units}^2$; $TA = 72 \text{ units}^2$
- 10) $V = 93.53 \text{ units}^3$; $LA = 108 \text{ units}^2$; $TA = 139.2 \text{ units}^2$
- 11) $V = 248 \text{ units}^3$; $LA = 176 \text{ units}^2$; $TA = 238 \text{ units}^2$
- 12) $V = 90 \text{ units}^3$; $LA = 102.5 \text{ units}^2$; $TA = 132.5 \text{ units}^2$