

### 3.28 Rectangular Right Wedge

Sides of base:  $a, b$

Top edge:  $c$

Height:  $h$

Lateral surface area:  $S_L$

Area of base:  $S_B$

Total surface area:  $S$

Volume:  $V$

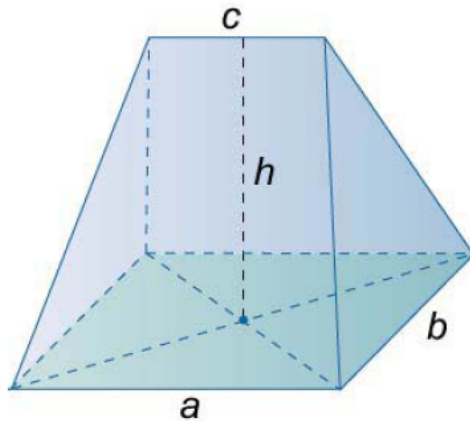


Figure 43.

$$304. \quad S_L = \frac{1}{2}(a+c)\sqrt{4h^2+b^2} + b\sqrt{h^2+(a-c)^2}$$

$$305. \quad S_B = ab$$

$$306. \quad S = S_B + S_L$$

$$307. \quad V = \frac{bh}{6}(2a+c)$$