

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

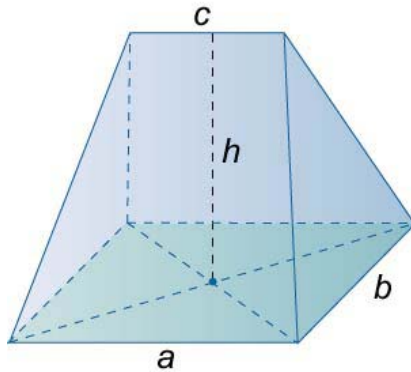


Figure 43.

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

$$305. S_B = ab$$

$$306. S = S_B + S_L$$

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