

## 3.9 Trapezoid

Bases of a trapezoid:  $a$ ,  $b$

Midline:  $q$

Altitude:  $h$

Area:  $S$

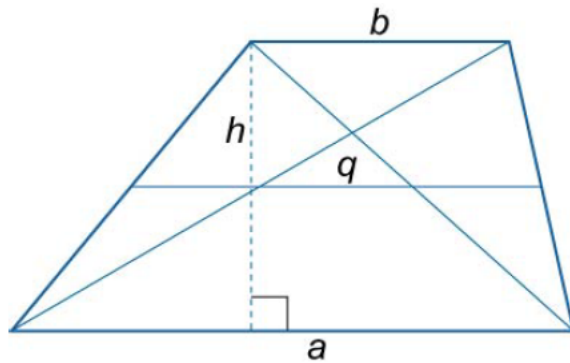


Figure 20.

$$216. \quad q = \frac{a+b}{2}$$

$$217. \quad S = \frac{a+b}{2} \cdot h = qh$$