



$$\cos C = d/a$$

$$d = a \cdot \cos C$$

$$a^2 = d^2 + h^2$$

$$a^2 = (a \cdot \cos C)^2 + h^2$$

$$h^2 + e^2 = c^2$$

$$d = b - e$$

$$b - e = a \cdot \cos C$$

$$e = b - a \cdot \cos C$$

$$h^2 + e^2 = c^2$$

$$h^2 + (b - a \cdot \cos C)^2 = c^2$$

$$\sin C = h/a$$