

$$\sin 16^\circ = .2756$$

$$\cos 35^\circ = .8192$$

$$\tan 20^\circ = .3640$$

$$\cos 74^\circ = .2756$$

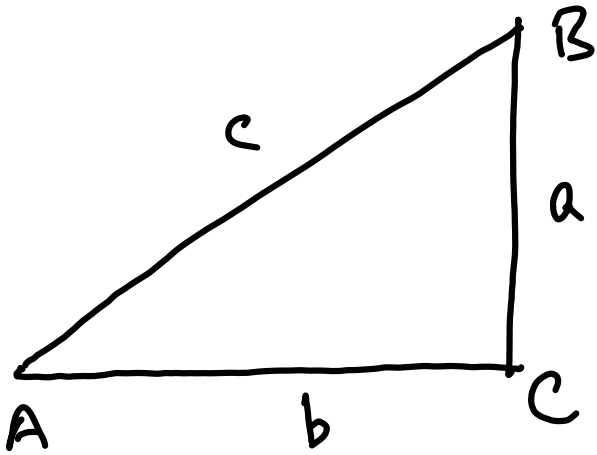
$$\sin 55^\circ = .8192$$

$$\sin A = .3907$$

$$A = 23^\circ$$

$$\cos B = .6293$$

$$B = 51^\circ$$



$$A = 23^\circ$$

$$a = 4$$

$$B = 67^\circ$$

$$\underline{b = 9.4}$$

$$C = 90^\circ$$

$$\underline{c = 10.2}$$

$$\tan A = \frac{a}{b}$$

$$\sin A = \frac{a}{c}$$

$$\tan 23^\circ = \frac{4}{b}$$

$$\sin 23^\circ = \frac{4}{c}$$

$$b \cdot \tan 23^\circ = 4$$

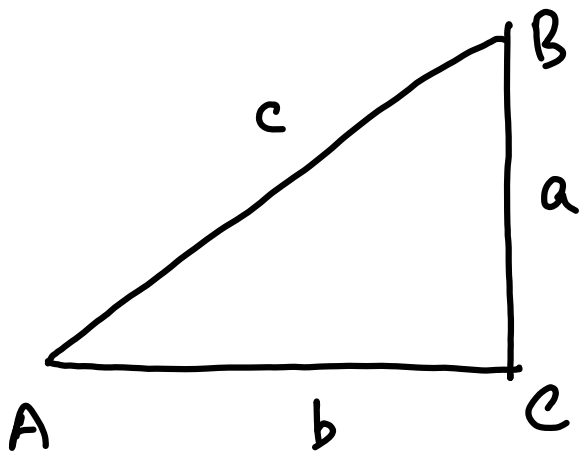
$$c \cdot \sin 23^\circ = 4$$

$$b = \frac{4}{\tan 23^\circ}$$

$$c = \frac{4}{\sin 23^\circ}$$

$$b = 9.4$$

$$c = 10.2$$



$$\underline{A = 27^\circ} \quad a = 5$$

$$B = \quad b = 10$$

$$C = 90^\circ \quad \underline{c = 11.2}$$

$$a^2 + b^2 = c^2$$

$$5^2 + 10^2 = c^2$$

$$c^2 = 125$$

$$c = 11.2$$

$$\tan A = \frac{a}{b}$$

$$\tan A = \frac{5}{10}$$

$$\tan A = .5$$

$$A = 27^\circ$$