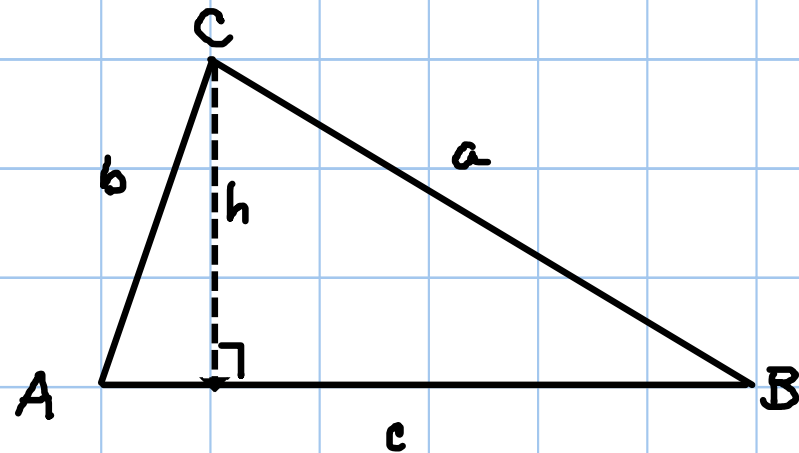


The Sine Law

(AAS)

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$



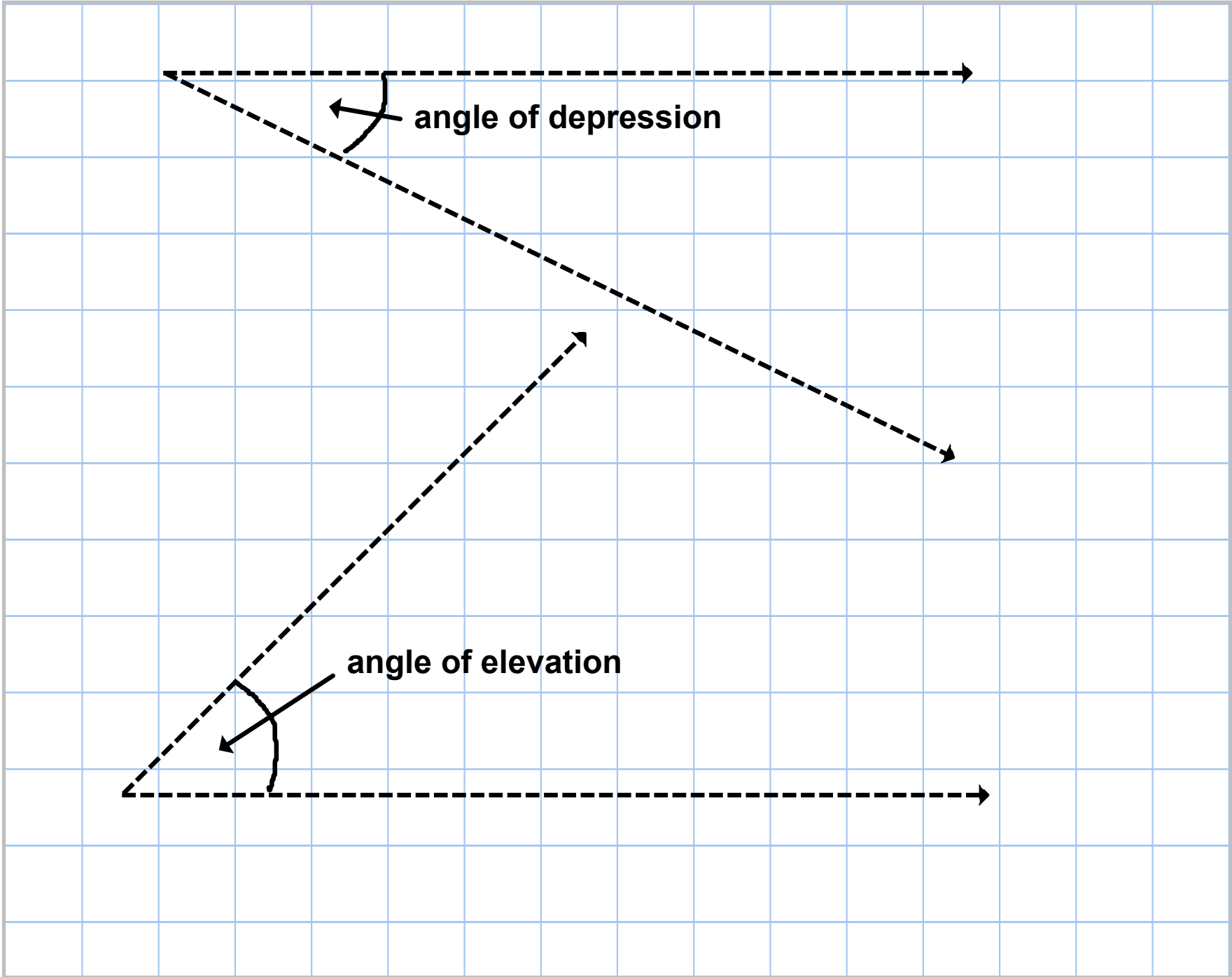
$$\sin A = \frac{h}{b} \quad \sin B = \frac{h}{a}$$

$$b \cdot \sin A = h \quad a \cdot \sin B = h$$

$$\therefore b \cdot \sin A = a \cdot \sin B$$

$$\frac{b \cdot \sin A}{\sin A \cdot \sin B} = \frac{a \cdot \sin B}{\sin A \cdot \sin B}$$

$$\frac{b}{\sin B} = \frac{a}{\sin A}$$



Title: Grid - large (3 of 4)

#27.

$$\frac{450}{\sin 109} = \frac{x}{\sin 35^\circ}$$

$$\frac{450 \cdot \sin 35}{\sin 109} = x$$

$$279.75' = x$$

