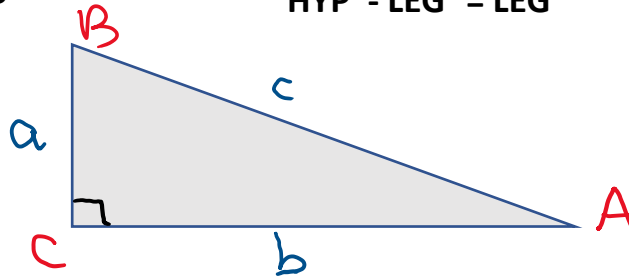


Formulas for Chapter 7

Pythagorean Theorem:

$$\text{LEG}^2 + \text{LEG}^2 = \text{HYP}^2$$

$$\text{HYP}^2 - \text{LEG}^2 = \text{LEG}^2$$

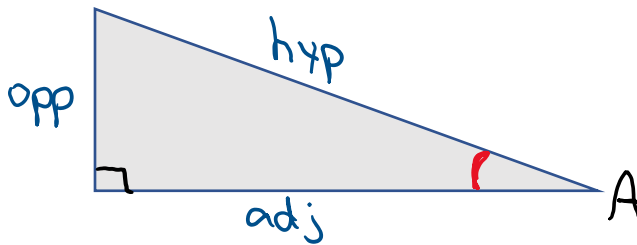


$$a^2 + b^2 = c^2$$

$$c^2 - a^2 = b^2$$

$$c^2 - b^2 = a^2$$

Trigonometry (SOH CAH TOA):



$$\sin A = \frac{\text{opp}}{\text{hyp}}$$

$$\cos A = \frac{\text{adj}}{\text{hyp}}$$

$$\tan A = \frac{\text{opp}}{\text{adj}}$$

