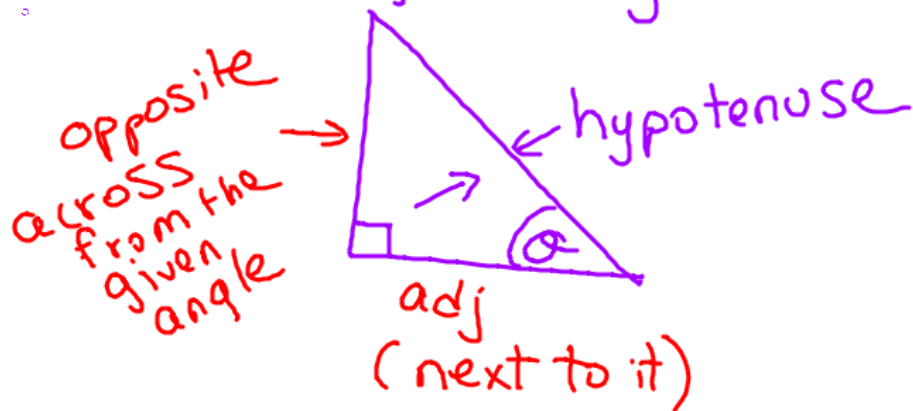


Notes Section 4.2 right triangle



Trig Functions

SOH CAH TOA

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

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

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

$$\csc = \frac{\text{hyp}}{\text{opp}}$$

(cosecant)

$$\sec = \frac{\text{hyp}}{\text{adj}}$$

(secant)

$$\cot = \frac{\text{adj}}{\text{opp}}$$

(cotangent)

table p 329

p 335 # 1 $\rightarrow$ 8

- sin and csc are reciprocal
- cos and sec " "
- tan and cot " "