## Outline for Today's session (2/24/25)

Trigonometric Identities recap

- Review of Trig concepts a

the magic hexagon :>

Differentiation 9 Integration of Trigonometric Functions.

2 Logarithmic & Exponential Functions (if may oras pa)

As always,

yellow highlight: problem / sample problem

blue highlight: theorem

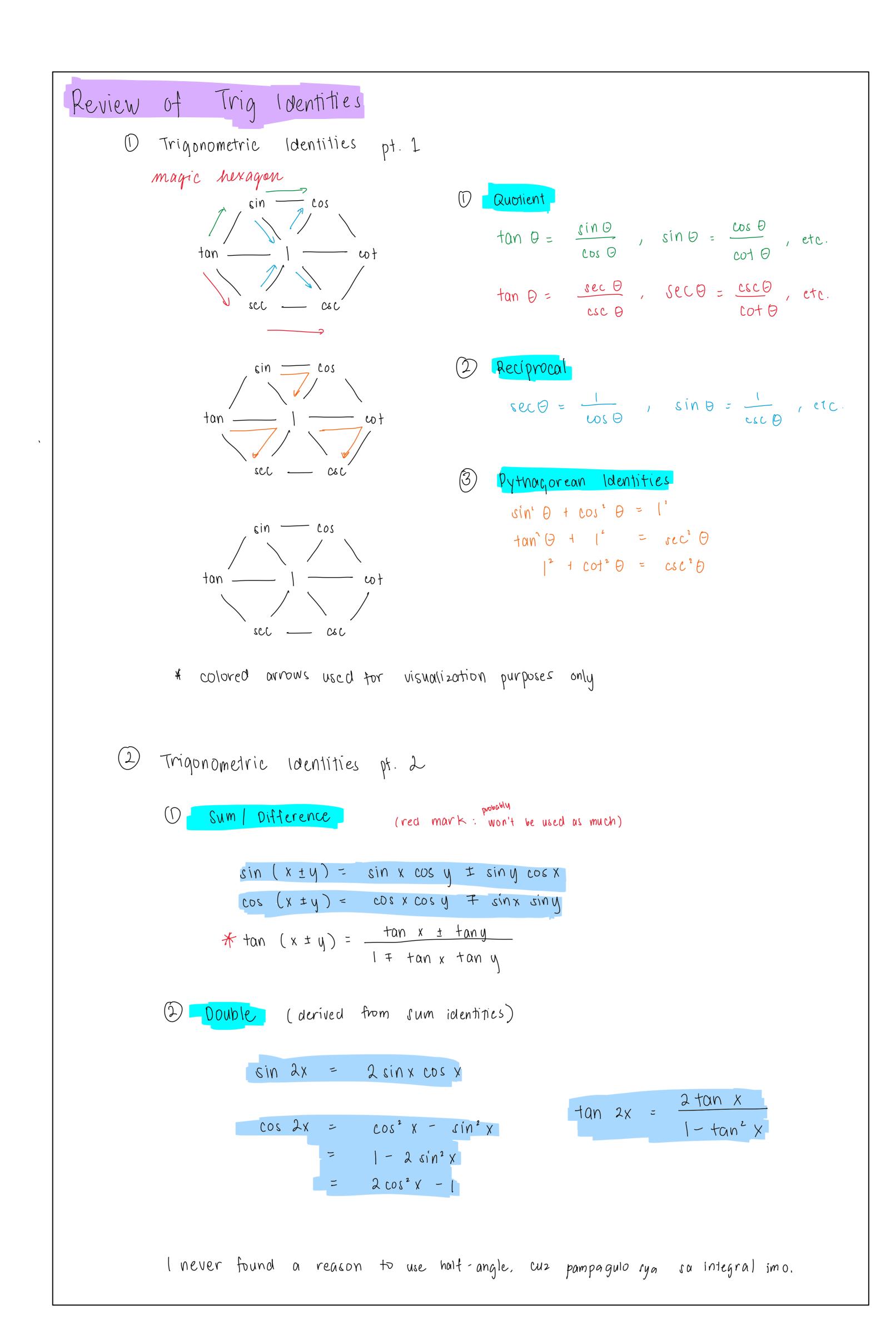
purple text: (usually) answer to problem. may not be

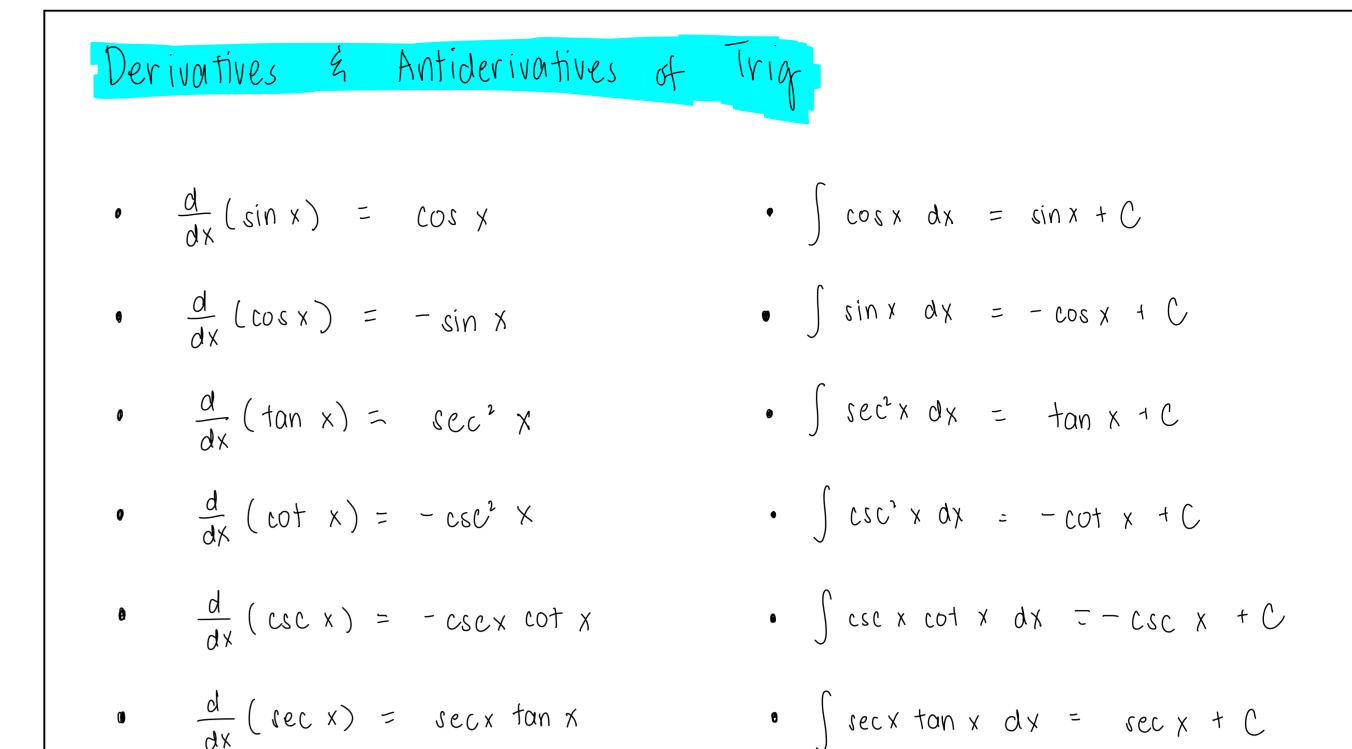
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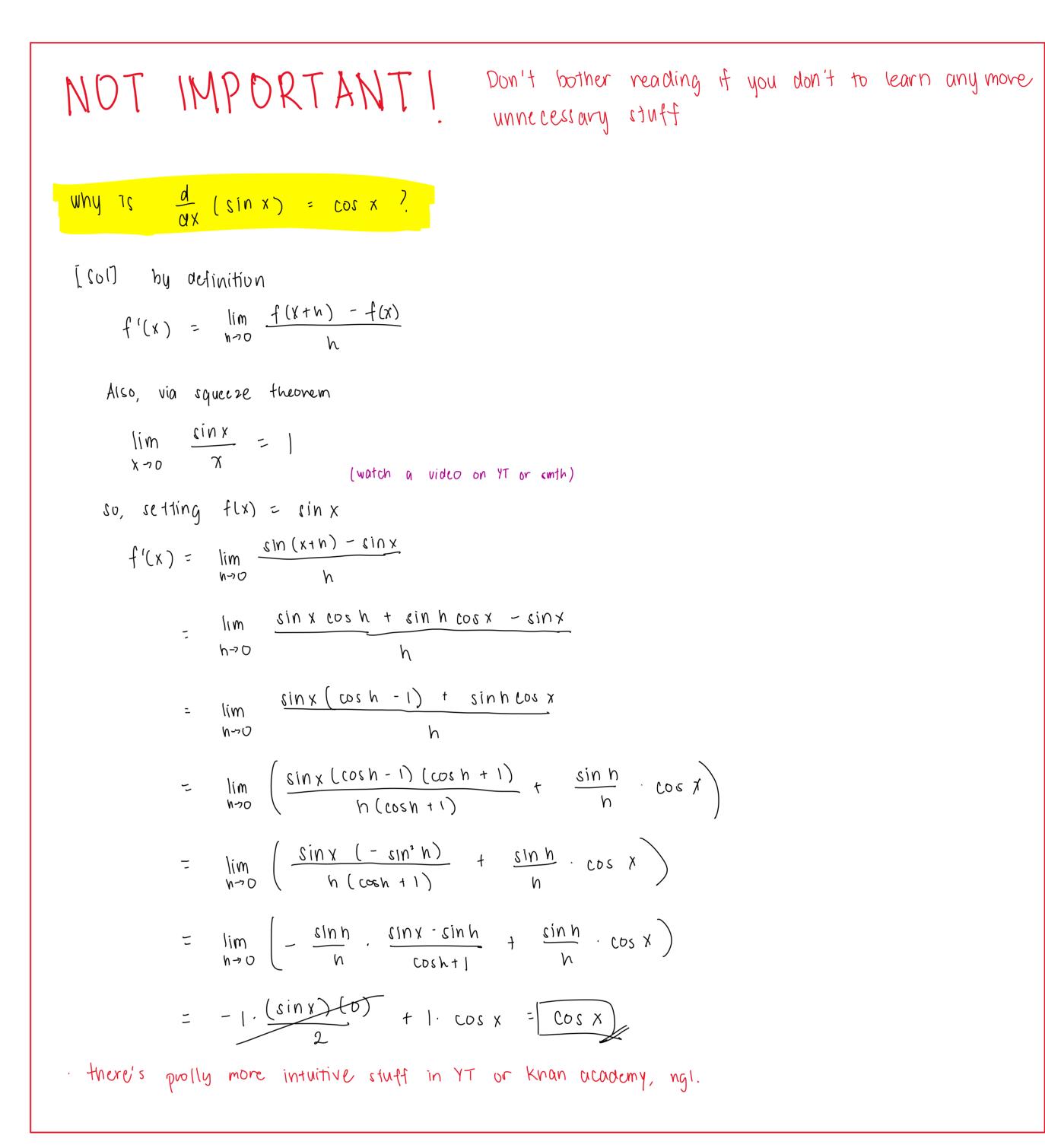
Content of ff. page

- Theorems
  - Trig identities
  - Deriv & Antideriv of Tria
- (2) Problems

· located on the lower half of the page







## PROBLEMS

- (1) [PS3 #2]  $\int sin 2\pi x dx$

[PS3 - # 30] Sin 3x sin 6x dx

(F) [PS3 - #16]

 $\int (1 + \tan^2 x) \sec^2 x dx$ 

