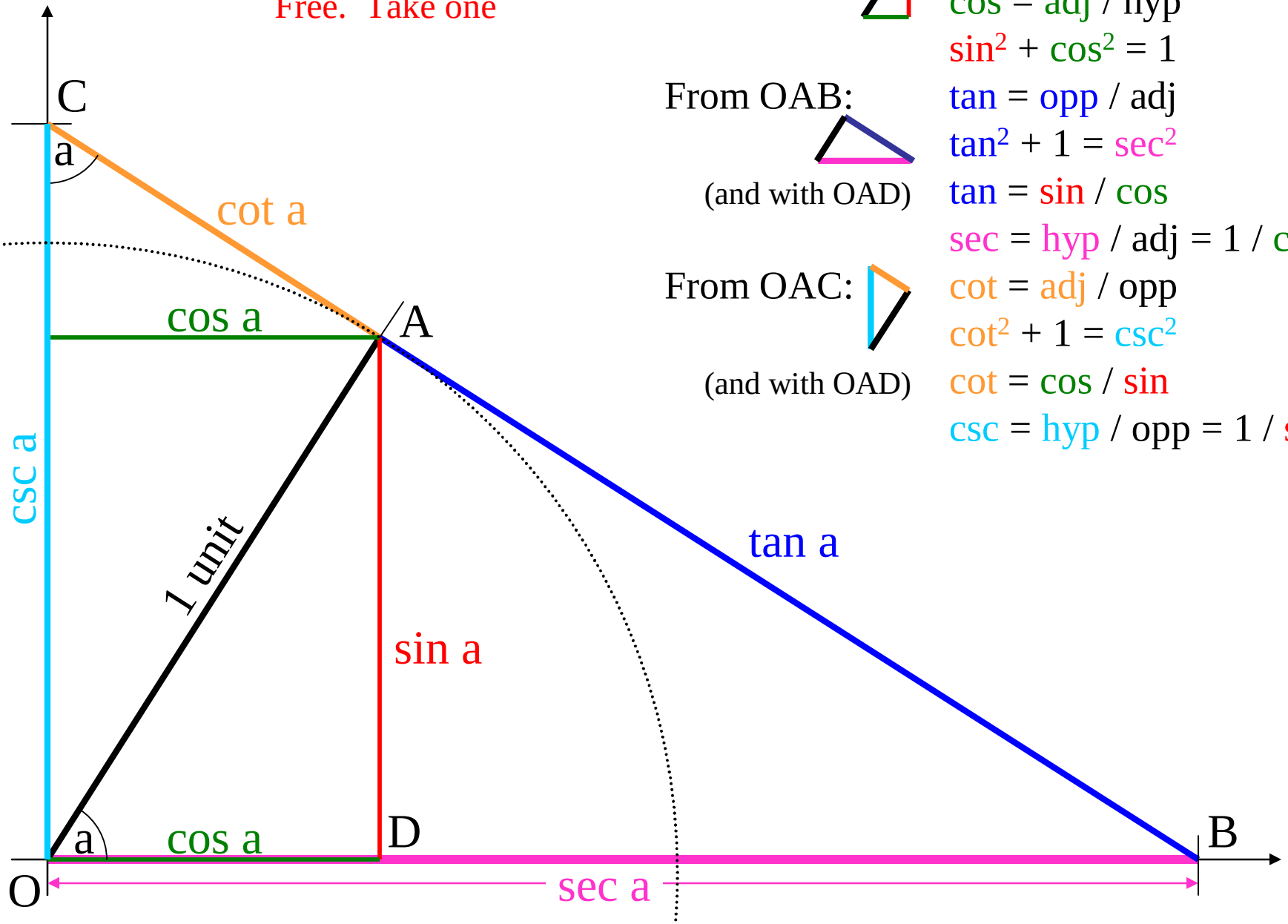
Trigonometry

Free. Take one



From OAD:

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

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

$\sin^2 + \cos^2 = 1$

From OAB:

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

$\tan^2 + 1 = \sec^2$

(and with OAD) $\tan = \sin / \cos$

$\sec = \text{hyp} / \text{adj} = 1 / \cos$

From OAC:

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

$\cot^2 + 1 = \csc^2$

(and with OAD) $\cot = \cos / \sin$

$\csc = \text{hyp} / \text{opp} = 1 / \sin$

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Simplified Trigonometry

Free. Take one

From OAD:

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

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

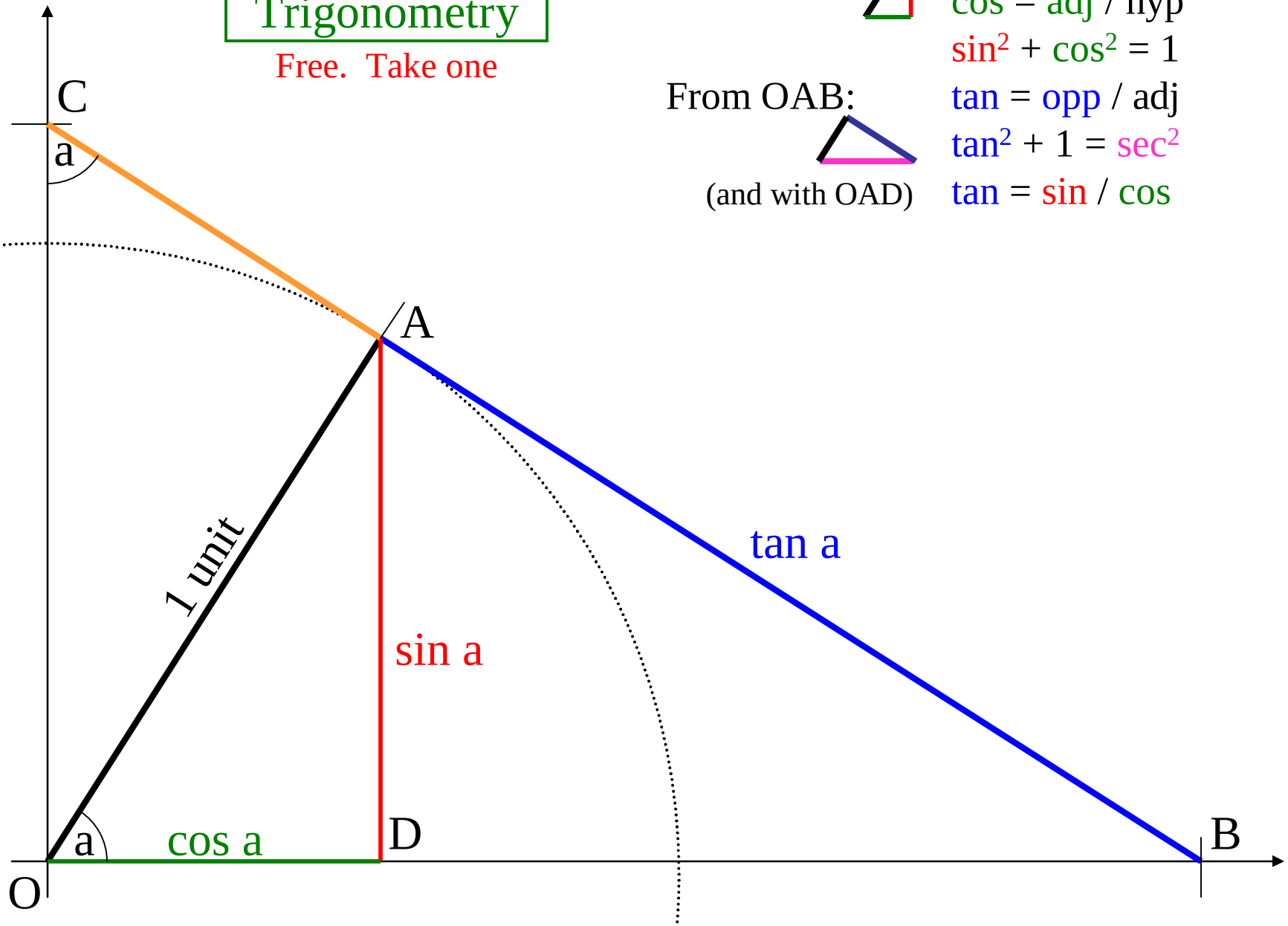
$\sin^2 + \cos^2 = 1$

From OAB:

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

$\tan^2 + 1 = \sec^2$

(and with OAD) $\tan = \sin / \cos$



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