TRIGONOMETRY

PYTHAGOREAN IDENTITIES

1	2	3	4	5

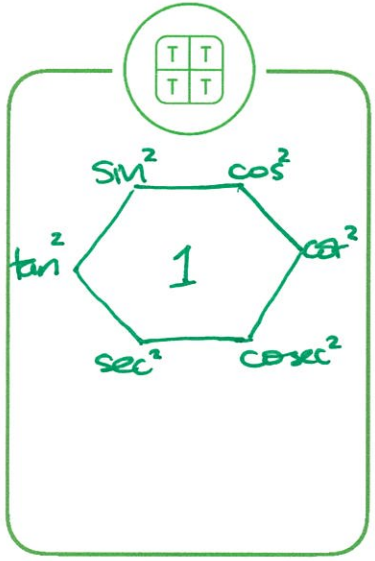
TT

3 PYTHAGOREAN IDENTITIES

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

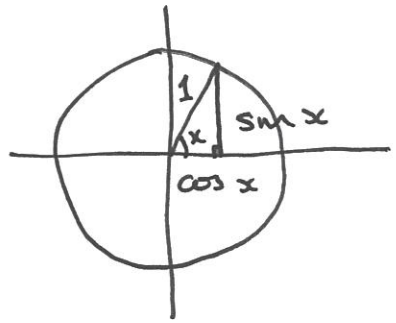
$\tan^2 x + 1 = \sec^2 x$

$1 + \cot^2 x = \operatorname{cosec}^2 x$



OTHER FORMULAE

- 3 addition formulae
- 3(+2) double/half angle formulae
- 2 half/double angle formulae.



$\sin^2 x + \cos^2 x$

$=$

$=$

$=$

$=$

$=$

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

$1 + \left(\frac{\quad}{\quad}\right)^2 = \left(\frac{\quad}{\quad}\right)^2$

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

$\left(\frac{\quad}{\quad}\right)^2 + 1 = \left(\frac{\quad}{\quad}\right)^2$