

PC Notes Unit 6 Section 5.5 Double Angle Formulas

Used to find exact values:

$$\cos(2A) = \cos^2 A - \sin^2 A \quad \cos(2A) = 1 - 2\sin^2 A \quad \cos(2A) = 2\cos^2 A - 1$$

$$\sin(2A) = 2 \sin A \cos B$$

$$\tan(2A) = \frac{2 \tan A}{1 - \tan^2 A}$$