(α+β+¢)²= α²+β²+¢²+2(αβ+β¢+¢α)

1. (α+β)²= α²+2αβ+β²
2. (α+β)²= (α-β)²+4αβ b
3. (α-β)²= α²-2αβ+β²
4. (α-β)²= f(α+β)²-4αβ
5. α² + β²= (α+β)² - 2αβ.
6. α² + β²= (α-β)² + 2αβ.
7. α²-β² =(α + β)(α - β)
8. 2(α² + β²) = (α+ β)² + (α - β)²
9. 4αβ = (α + β)² -(α-β)²
10. αβ ={(α+β)/2}²-{(α-β)/2}²
11. (α + β + ¢)² = α² + β² + ¢² + 2(αβ + β¢ + ¢α)
12. (α + β)³ = α³ + 3α²β + 3αβ² + β³
13. (α + β)³ = α³ + β³ + 3αβ(α + β)
14. (α-β)³=α³-3α²β+3αβ²-β³
15. α³ + β³ = (α + β) (α² -αβ + β²)
16. α³ + β³ = (α+ β)³ -3αβ(α+ β)
17. α³ -β³ = (α -β) (α² + αβ + β²)
18. α³ -β³ = (α-β)³ + 3αβ(α-β)

sιη0° =0
sιη30° = 1/2
sιη45° = 1/√2
sιη60° = √3/2
sιη90° = 1
¢σs ιs σρρσsιτε σƒ sιη
τaη0° = 0
τaη30° = 1/√3
τaη45° = 1
τaη60° = √3
τaη90° = ∞
¢στ ιs σρρσsιτε σƒ τaη
sε¢0° = 1
sε¢30° = 2/√3
sε¢45° = √2
sε¢60° = 2
sε¢90° = ∞
¢σsε¢ ιs σρρσsιτε σƒ sε¢
2sιηα¢σsβ=sιη(α+β)+sιη(α-β)
2¢σsαsιηβ=sιη(α+β)-sιη(α-β)
2¢σsα¢σsβ=¢σs(α+β)+¢σs(α-β).
2sιηαsιηβ=¢σs(α-β)-¢σs(α+β) 12. 4¢σs³α = 3¢σsα + ¢σs3α