

$$\sqrt{-1} = i$$

$$i = \sqrt{-1}$$

$$i^2 = \sqrt{-1} \cdot \sqrt{-1} = -1$$

$$i^3 = \sqrt{-1} \sqrt{-1} \sqrt{-1} = -i$$

$$i^4 = \sqrt{-1} \sqrt{-1} \sqrt{-1} \sqrt{-1} = 1$$

Degree \ Sign	Even	Odd
Pos +		
Neg -		

0 Remainder factor

Remainder = Not a factor.

Factor & Solve

$$\frac{ac}{b} \quad \frac{d}{ax} \quad \frac{e}{ax}$$

$$(ax+d)(ax+e)=0$$

$$ax+d=0 \text{ or } ax+e=0$$

Multiplicity:

of zeros

even bounce

odd through

through
bounce

Radians to Degrees

$$(x+2)^2 = (x+2)(x+2)$$