

## Solving Trig Equations That involve *FACTORING*

Solve over  $[0, 2\pi)$ .

•  $\cos^3 x = \cos x$

Solve over  $[0, 2\pi)$ .

•  $2\cos x \sin x = -\cos x$

Solve over  $[0, 2\pi)$ .

•  $\sec^2 x - \sec x = 2$