

EQ:

Recall: List four different methods of factoring. When is each method appropriate?

1. _____
2. _____
3. _____
4. _____

Recall: Solve. $2x^2 + 3x + 1 = 0$ $x =$ _____

- Now replace x with a trig function. Solve for *primary solutions*.

Ex 1. $2\sin^2 \theta + 3\sin \theta + 1 = 0$ $\theta =$ _____

Solve these trig equations.

Ex 2. $3\sin \theta \sec \theta = \sec \theta$ $\theta =$ _____

Ex 3. $3\cos \theta + 3 = 2\sin^2 \theta$ $\theta =$ _____

➤ Assignment: Practice Worksheet #3: Solve Trig Equations