# ERL MCR UNIT 5

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UNIT 5
MCR 3UI ...

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## UNIT 5 MCR 3UI  Exam Review
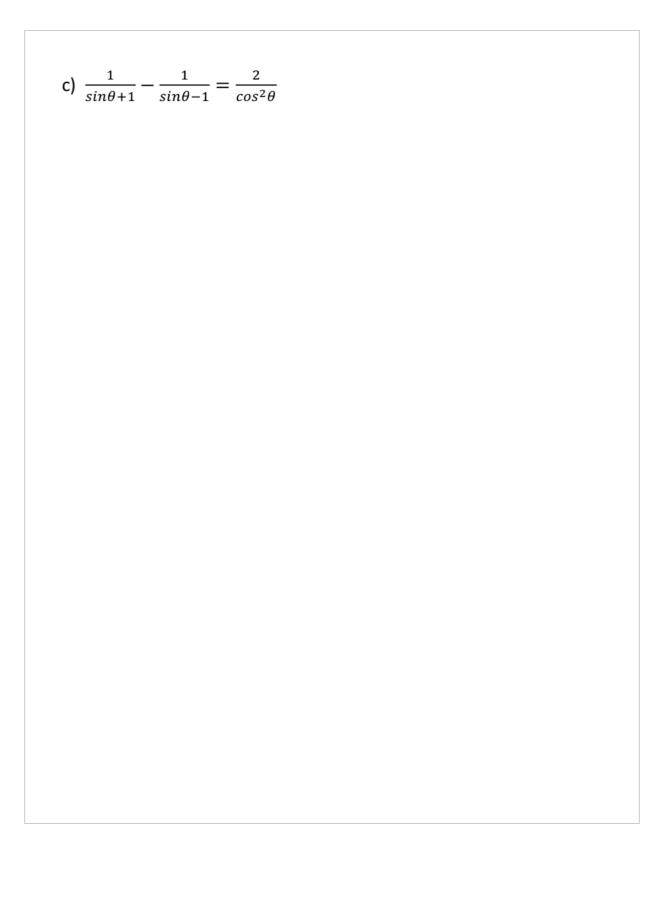
1. Solve for A , $0° \leq A \leq 360°$

$$sinA = \frac{-\sqrt{3}}{2}$$

2.  Solve for x. (No Decimals!)

$$x = cos210°$$

3. Prove.

a) $1 - sin^2\theta = cos\theta sin\theta cot\theta$

b) $1 + cot^2\theta = csc^2\theta$

c) $\dfrac{1}{sin\theta+1} - \dfrac{1}{sin\theta-1} = \dfrac{2}{cos^2\theta}$

4. Solve the triangle. Round sides to nearest tenth of a cm, round angles to the nearest degree.