

Thursday - November 13, 2014

$$[0, 2\Delta) = [0, 2\pi)$$

10) $\sin a = 3/5$ (a is in Quad II)

$\cos b = 2/5$ (b is in Quad I)

Find $\cos(a - b)$

$$s = \frac{a+b+c}{2}$$

$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c} \quad A = \sqrt{s(s-a)(s-b)(s-c)}$$

$$a^2 = b^2 + c^2 - 2bc \cos A$$

$$b^2 = a^2 + c^2 - 2ac \cos B$$

$$c^2 = a^2 + b^2 - 2ab \cos C$$