

$$19. \quad 2 \sin^2 A - \sin A - 1 = 0$$

$$(2 \sin A + 1)(\sin A - 1) = 0$$

$$2 \sin A + 1 = 0 \quad \sin A - 1 = 0$$

$$2 \sin A = -1$$

$$2p^2 - p - 1 = 0$$

$$(2p + 1)(p - 1)$$

"y" $\sin A = -\frac{1}{2} \quad \sin A = 1$

$$A = \frac{7\pi}{6}, \frac{11\pi}{6}$$

$$A = \frac{\pi}{2}$$

$$20. \quad \cos A = \sec A$$

$$\cos A = \frac{1}{\cos A}$$

$$\cos A \cos A = \cancel{\cos A} \left(\frac{1}{\cos A} \right)$$

$$\cos^2 A = 1$$

$$\cos A = \pm \sqrt{1}$$

"x" $\cos A = \pm 1$

$$A = 0, \pi$$