14. $2\sin x\cos x+\cos x=0$

$\cos x(2\sin x+1)=0$

$\cos x=0$ $\quad$ $2\sin x+1=0$

$\frac{\pi}{2}, \frac{3\pi}{2}$ $\quad$ $\sin x=-\frac{1}{2}$

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

16. $\frac{\tan^2 x}{\tan^2 x}\csc x = \frac{\tan^2 x}{\tan^2 x}$

$\csc x = 1$

$\frac{\pi}{2} + 2k\pi$

15. $2\sin^2 x = \sin x$

$2\sin^2 x - \sin x = 0$

$\sin x(2\sin x - 1) = 0$

$\sin x = 0$ $\quad$ $2\sin x - 1 = 0$

$0, \pi$ $\quad$ $\sin x = \frac{1}{2}$

$\frac{\pi}{6}, \frac{5\pi}{6}$

$\theta = 0 + 2k\pi$ $\quad$ $\theta = \frac{\pi}{6} + 2k\pi$

$\theta = \pi + 2k\pi$ $\quad$ $\theta = \frac{5\pi}{6} + 2k\pi$