$$\frac{1}{\cos \theta} + \tan \theta \equiv \frac{\cos \theta}{1 - \sin \theta} \qquad \theta \neq (2n+1)90^{\circ} \quad n \in \mathbb{Z}$$

13.

Given that
$$\cos 2x \neq 0$$

(b) solve for
$$0 < x < 90^{\circ}$$

$$\frac{1}{\cos 2x} + \tan 2x = 3\cos 2x$$

In this question you must show all stages of your working.