3	(i)	Solve the equation $\sin^2 \theta = 0.25$ for $0^{\circ} \le \theta < 360^{\circ}$ .	[3]
	(ii)	In this question you must show detailed reasoning.	

(ii) In this question you must show detailed reasoning. Solve the equation  $\tan 3\phi = \sqrt{3}$  for  $0^{\circ} \le \phi < 90^{\circ}$ .