(a)	Verify the identity $(2x-1)(4x^2 + 2x - 1) \equiv 8x^3 - 4x + 1$.	[1]
(b)	Prove the identity $\frac{\tan^2 \theta + 1}{\tan^2 \theta - 1} = \frac{1}{1 - 2\cos^2 \theta}$.	[3]
		•••••
		•••••

.....

	$\frac{\tan^2\theta + 1}{\tan^2\theta - 1} = 4\cos\theta,$
for $0^{\circ} \le \theta \le 180^{\circ}$.	[5]

(c) Using the results of (a) and (b), solve the equation