2	(a)	(i)	Show that $\frac{1}{3-2\sqrt{x}} + \frac{1}{3+2\sqrt{x}}$ can be written in the form $\frac{a}{b+cx}$, where a, b and c are	
			constants to be determined.	[2]
		(ii)	Hence solve the equation $\frac{1}{2} + \frac{1}{2 + 2\sqrt{n}} = 2$.	[2]

(ii) Hence solve the equation
$$\frac{1}{3 - 2\sqrt{x}} + \frac{1}{3 + 2\sqrt{x}} = 2.$$

(b) In this question you must show detailed reasoning.

Solve the equation $2^{2y} - 7 \times 2^y - 8 = 0$.