① N.S.O. $\frac{1}{\sqrt{2}+1} + \frac{1}{\sqrt{3}+\sqrt{2}} + \frac{1}{\sqrt{4}+\sqrt{3}} = 1.$

Μ.Σ.Η

$$\frac{\sqrt{2}-1}{(\sqrt{2}+1)(\sqrt{2}-1)} + \frac{\sqrt{3}-\sqrt{2}}{(\sqrt{3}+\sqrt{2})(\sqrt{3}-\sqrt{2})} + \frac{2-\sqrt{3}}{(2+\sqrt{3})(2-\sqrt{3})}$$

$$\frac{\sqrt{2}-1}{2-1} + \frac{\sqrt{3}-\sqrt{2}}{3-2} + \frac{2-\sqrt{3}}{4-3}$$

$$\cancel{\sqrt{2}-1} + \cancel{\sqrt{3}} - \cancel{\sqrt{2}} + 2 - \sqrt{3}$$

$$1.$$