(1) Ν.δ.ο. $\eta\mu 30 + 6\upsilon\nu 30 + \eta\mu 45 + \varepsilon\phi 45 + \eta\mu 60 + \varepsilon\phi 60 = \frac{3\sqrt{3}+4+\sqrt{2}}{2}$

ΛΥΣΗ

$\eta\mu 30 + 6\upsilon\nu 30 + \eta\mu 45 + \varepsilon\phi 45 + \eta\mu 60 + \varepsilon\phi 60$

$\frac{1}{2} + \frac{\sqrt{3}}{2} + \frac{\sqrt{2}}{2} + 1 + \frac{1}{2} + \sqrt{3}.$

ΕΚΠ : 2

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

$\frac{1}{2} + \frac{\sqrt{3}}{2} + \frac{\sqrt{2}}{2} + \frac{2}{2} + \frac{1}{2} + \frac{2\sqrt{3}}{2} =$

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