Conditions

cos20 degre*cos40*cos60*

Solution

$$cos20^\circ cos40^\circ cos60^\circ = \frac{\cos(40^\circ - 20^\circ) + \cos(40^\circ + 20^\circ)}{2} cos60^\circ = \frac{cos20^\circ + \frac{1}{2}}{2} \cdot \frac{1}{2} = \frac{cos20^\circ}{4} + \frac{1}{8}$$

$$\approx 0.355923155$$