$$\frac{1}{2} \left[ \frac{1}{2} + \frac{1}{2} \right] = \frac{1}{2} \left[ \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right] = \frac{1}{2} \left[ \frac{1}{2} + \frac{1}{2}$$