

$$\left[\left(6 - \frac{3}{5} \right) \times \left(\frac{1}{4} + \frac{2}{9} - \frac{5}{12} \right) + \frac{3}{2} \times \left(\frac{9}{2} - \frac{7}{4} - \frac{5}{2} \right) \right] \times \frac{2}{27} + \frac{1}{4}$$

$$\left[\frac{30-3}{5} \times \frac{9+8-15}{36} + \frac{3}{2} \times \frac{18-7-10}{4} \right] \times \frac{2}{27} + \frac{1}{4}$$

$$\left[\frac{27}{5} \times \frac{1}{18} + \frac{3}{2} \times \frac{1}{4} \right] \times \frac{2}{27} + \frac{1}{4}$$

$$\left[\frac{3}{10} + \frac{3}{8} \right] \times \frac{2}{27} + \frac{1}{4}$$

$$\frac{12+15}{40} \times \frac{2}{27} + \frac{1}{4}$$

$$\frac{27}{40} \times \frac{2}{27} + \frac{1}{4}$$

$$\frac{1}{20} + \frac{1}{4}$$

$$\frac{1+5}{20}$$

$$\frac{6}{20}$$

$$\frac{3}{10}$$