



$$\frac{1}{2} \times \frac{\frac{1}{2}}{\frac{1}{2} + \frac{1}{6}} = \frac{3}{8}$$

$$\frac{1}{2} \times \frac{\frac{1}{6}}{\frac{1}{2} + \frac{1}{6}} = \frac{1}{8}$$

$$\frac{1}{4} \times \frac{\frac{3}{4}}{\frac{3}{4} + \frac{1}{20}} = \frac{15}{64}$$

