

$$1. \quad \frac{1}{8} + \frac{1}{2} = \frac{1}{8} + \left(\frac{1}{2} \cdot \frac{4}{4} \right) = \frac{1}{8} + \frac{4}{8} = \frac{5}{8}$$

$$2. \quad \frac{2}{3} - \frac{5}{12} = \left(\frac{2}{3} \cdot \frac{4}{4} \right) - \frac{5}{12} = \frac{8}{12} - \frac{5}{12} = \frac{3}{12} = \frac{1}{4}$$

$$3. \quad \frac{4}{5} + \frac{1}{20} = \left(\frac{4}{5} \cdot \frac{4}{4} \right) + \frac{1}{20} = \frac{16}{20} + \frac{1}{20} = \frac{17}{20}$$

$$4. \quad \frac{7}{30} - \frac{2}{15} = \frac{7}{30} - \left(\frac{2}{15} \cdot \frac{2}{2} \right) = \frac{7}{30} - \frac{4}{30} = \frac{3}{30} = \frac{1}{10}$$

$$5. \quad \frac{5}{24} + \frac{5}{6} = \frac{5}{24} + \left(\frac{5}{6} \cdot \frac{4}{4} \right) = \frac{5}{24} + \frac{20}{24} = \frac{25}{24}$$