

Addition:

$$\frac{1}{2} + \frac{1}{2} = \frac{2}{2} = 1$$

$$\frac{1}{4} + \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$$

$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

$$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$$

$$\frac{1}{2} + \frac{1}{4} = \frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$

$$\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

$$\frac{2}{5} + \frac{3}{10} = \frac{4}{10} + \frac{3}{10} = \frac{7}{10}$$

$$\frac{2}{5} + \frac{3}{7} = \frac{14}{35} + \frac{15}{35} = \frac{29}{35}$$

$$\frac{3}{8} + \frac{4}{16} = \frac{3}{8} + \frac{2}{8} = \frac{5}{8}$$

$$\frac{3}{9} + \frac{2}{6} = \frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

$$\frac{4}{9} + \frac{4}{18} = \frac{4}{9} + \frac{2}{9} = \frac{6}{9} = \frac{2}{3}$$

$$\frac{1}{20} + \frac{1}{5} = \frac{1}{20} + \frac{4}{20} = \frac{5}{20} = \frac{1}{4}$$