

$\frac{2}{4} = -$	$\frac{4}{12} = -$	$\frac{8}{12} = -$
$\frac{15}{20} = -$	$\frac{8}{32} = -$	$\frac{14}{21} = -$
$\frac{24}{108} = -$	$\frac{55}{66} = -$	$\frac{32}{28} = -$
$\frac{3}{8} + \frac{7}{8} = -$	$\frac{3}{7} + \frac{5}{7} = -$	$\frac{2}{5} + \frac{6}{5} = -$
$\frac{1}{6} + \frac{5}{6} = -$	$\frac{2}{3} + \frac{4}{3} = -$	$\frac{9}{4} + \frac{3}{4} = -$
$\frac{3}{4} + \frac{5}{8} = -$	$\frac{1}{4} + \frac{1}{2} = -$	$\frac{7}{12} + \frac{3}{4} = -$
$\frac{5}{12} + \frac{2}{3} = -$	$\frac{3}{10} + \frac{2}{5} = -$	$\frac{1}{6} + \frac{2}{3} = -$
$\frac{7}{12} - \frac{2}{12} = -$	$\frac{5}{20} - \frac{1}{20} = -$	$\frac{9}{10} - \frac{2}{10} = -$
$\frac{1}{2} - \frac{5}{6} = -$	$\frac{4}{3} - \frac{1}{6} = -$	$\frac{5}{4} - \frac{7}{8} = -$
$\frac{3}{10} - \frac{2}{15} = -$	$\frac{1}{12} - \frac{5}{18} = -$	$\frac{5}{14} - \frac{3}{21} = -$

$$\frac{2}{3}$$

$$\frac{1}{3}$$

$$\frac{1}{2}$$

$$\frac{2}{3}$$

$$\frac{1}{4}$$

$$\frac{3}{4}$$

$$\frac{8}{7}$$

$$\frac{5}{6}$$

$$\frac{2}{9}$$

$$\frac{8}{5}$$

$$\frac{8}{7}$$

$$\frac{10}{8} = \frac{5}{4}$$

$$\frac{12}{4} = 3$$

$$\frac{6}{3} = 2$$

$$\frac{6}{6} = 1$$

$$\frac{7+9}{12} = \frac{16}{12} = \frac{4}{3}$$

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

$$\frac{6+5}{8} = \frac{11}{8}$$

$$\frac{1+4}{6} = \frac{5}{6}$$

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

$$\frac{5+8}{12} = \frac{13}{12}$$

$$\frac{7}{10}$$

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

$$\frac{5}{12}$$

$$\frac{10-7}{8} = \frac{3}{8}$$

$$\frac{8-1}{6} = \frac{7}{6}$$

$$\frac{3-5}{6} = -\frac{2}{6} = -\frac{1}{3}$$

$$\frac{5-2}{14} = \frac{3}{14}$$

$$\frac{3-10}{36} = -\frac{7}{36}$$

$$\frac{9-4}{30} = \frac{5}{30} = \frac{1}{6}$$

$\frac{2}{5} \cdot 4 = -$	$\frac{3}{8} \cdot 6 = -$	$\frac{1}{4} \cdot 3 = -$
$\frac{2}{9} \cdot \frac{4}{3} = -$	$\frac{3}{7} \cdot \frac{2}{5} = -$	$\frac{1}{4} \cdot \frac{3}{5} = -$
$\frac{1}{4} \cdot \frac{2}{3} = -$	$\frac{3}{4} \cdot \frac{2}{9} = -$	$\frac{4}{5} \cdot \frac{15}{2} = -$
$\frac{5}{16} \cdot \frac{12}{15} = -$	$\frac{6}{7} \cdot \frac{35}{24} = -$	$\frac{10}{9} \cdot \frac{15}{4} = -$
$\frac{20}{27} \cdot \frac{18}{5} = -$	$\frac{9}{4} \cdot \frac{8}{27} = -$	$\frac{12}{15} \cdot \frac{45}{27} = -$
$\frac{5}{2} : 10 = -$	$\frac{2}{9} : 4 = -$	$\frac{1}{4} : 3 = -$
$\frac{3}{2} : \frac{5}{4} = -$	$\frac{5}{6} : \frac{1}{7} = -$	$\frac{1}{4} : \frac{2}{3} = -$
$\frac{9}{12} : \frac{3}{4} = -$	$\frac{3}{2} : \frac{6}{4} = -$	$\frac{5}{6} : \frac{10}{9} = -$
$\frac{3}{8} : \frac{3}{10} = -$	$\frac{12}{21} : \frac{15}{28} = -$	$\frac{15}{14} : \frac{10}{7} = -$
$\frac{4}{15} : \frac{18}{25} = -$	$\frac{5}{16} : \frac{25}{32} = -$	$\frac{9}{44} : \frac{12}{11} = -$

$$\frac{1 \cdot 3}{4} = \frac{3}{4}$$

$$\frac{3 \cdot 6}{8} = \frac{3 \cdot 3}{4} = \frac{9}{4}$$

$$\frac{8}{5}$$

$$\frac{1 \cdot 3}{4 \cdot 5} = \frac{3}{20}$$

$$\frac{3 \cdot 2}{7 \cdot 5} = \frac{6}{35}$$

$$\frac{2 \cdot 4}{9 \cdot 3} = \frac{8}{27}$$

$$\frac{4 \cdot 15}{5 \cdot 2} = \frac{2 \cdot 3}{1 \cdot 1} = 6$$

$$\frac{3 \cdot 2}{4 \cdot 9} = \frac{1 \cdot 1}{2 \cdot 3} = \frac{1}{6}$$

$$\frac{1 \cdot 2}{4 \cdot 3} = \frac{1 \cdot 1}{2 \cdot 3} = \frac{1}{6}$$

$$\frac{10 \cdot 15}{9 \cdot 4} = \frac{5 \cdot 5}{3 \cdot 2} = \frac{25}{6}$$

$$\frac{6 \cdot 35}{7 \cdot 24} = \frac{1 \cdot 5}{1 \cdot 4} = \frac{5}{4}$$

$$\frac{5 \cdot 12}{16 \cdot 15} = \frac{1 \cdot 3}{4 \cdot 3} = \frac{1}{4}$$

$$\frac{12 \cdot 45}{15 \cdot 27} = \frac{4 \cdot 5}{5 \cdot 3} = \frac{4}{3}$$

$$\frac{9 \cdot 8}{4 \cdot 27} = \frac{1 \cdot 2}{1 \cdot 3} = \frac{2}{3}$$

$$\frac{20 \cdot 18}{27 \cdot 5} = \frac{4 \cdot 2}{3 \cdot 1} = \frac{8}{3}$$

$$\frac{1}{4} \cdot \frac{1}{3} = \frac{1}{12}$$

$$\frac{2}{9} \cdot \frac{1}{4} = \frac{1 \cdot 1}{9 \cdot 2} = \frac{1}{18}$$

$$\frac{5}{2} \cdot \frac{1}{10} = \frac{1 \cdot 1}{2 \cdot 2} = \frac{1}{4}$$

$$\frac{1}{4} \cdot \frac{3}{2} = \frac{3}{8}$$

$$\frac{5}{6} \cdot \frac{7}{1} = \frac{35}{6}$$

$$\frac{3}{2} \cdot \frac{4}{5} = \frac{3 \cdot 2}{1 \cdot 5} = \frac{6}{5}$$

$$\frac{5}{6} \cdot \frac{9}{10} = \frac{1 \cdot 3}{2 \cdot 2} = \frac{3}{4}$$

$$\frac{3}{2} \cdot \frac{4}{6} = \frac{1 \cdot 2}{1 \cdot 2} = 1$$

$$\frac{3}{4} \cdot \frac{4}{3} = \frac{1 \cdot 1}{1 \cdot 1} = 1$$

$$\frac{15}{14} \cdot \frac{7}{10} = \frac{3 \cdot 1}{2 \cdot 2} = \frac{3}{4}$$

$$\frac{12}{21} \cdot \frac{28}{15} = \frac{4 \cdot 4}{3 \cdot 5} = \frac{16}{15}$$

$$\frac{3}{8} \cdot \frac{10}{3} = \frac{1 \cdot 5}{4 \cdot 1} = \frac{5}{4}$$

$$\frac{9}{44} \cdot \frac{11}{12} = \frac{3 \cdot 1}{4 \cdot 4} = \frac{3}{16}$$

$$\frac{5}{16} \cdot \frac{32}{25} = \frac{1 \cdot 2}{1 \cdot 5} = \frac{2}{5}$$

$$\frac{4}{15} \cdot \frac{25}{18} = \frac{2 \cdot 5}{3 \cdot 9} = \frac{10}{27}$$