

Multiplication of fractions Memo

$$\begin{aligned}
 1 \quad & \frac{2}{3} \times \frac{3}{4} \\
 &= \frac{2 \times 3}{3 \times 4} \\
 &= \frac{6}{12} \\
 &= \frac{1}{2}
 \end{aligned}$$

$$\begin{aligned}
 2 \quad & \frac{4}{5} \times \frac{5}{6} \\
 &= \frac{4 \times 5}{5 \times 6} \\
 &= \frac{20}{30} \\
 &= \frac{2}{3}
 \end{aligned}$$

$$\begin{aligned}
 3 \quad & \frac{3}{8} \times \frac{5}{7} \\
 &= \frac{3 \times 5}{8 \times 7} \\
 &= \frac{15}{42}
 \end{aligned}$$

$$\begin{aligned}
 4 \quad & \frac{6}{14} \times \frac{4}{18} \\
 &= \frac{3}{7} \times \frac{2}{9} \\
 &= \frac{3 \times 2}{7 \times 9} \\
 &= \frac{6}{63}
 \end{aligned}$$

$$\begin{aligned}
 5 \quad & \frac{25}{100} \times \frac{500}{1000} \\
 &= \frac{1}{4} \times \frac{1}{2} \\
 &= \frac{1 \times 1}{4 \times 2} \\
 &= \frac{1}{8}
 \end{aligned}$$

$$6 \quad \frac{9}{14} \times \frac{8}{15}$$

$$= \frac{9 \times 8}{14 \times 15}$$

$$= \frac{72}{210}$$

$$= \frac{36}{105}$$

7

$$\frac{3}{2} \times \frac{4}{3}$$

$$= \frac{3 \times 4}{2 \times 3}$$

$$= \frac{12}{6}$$

$$= 2$$

8

$$\frac{33}{11} \times \frac{55}{11}$$

$$= 3 \times 5$$

$$= 15$$

9

$$\frac{12}{16} \times \frac{1}{2}$$

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

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

$$= \frac{3}{8}$$

10

$$5 \times \frac{1}{4}$$

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

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

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

11

$$\frac{1}{7} \times 7$$

$$= \frac{1}{7} \times \frac{7}{1}$$

$$= \frac{1 \times 7}{7 \times 1}$$

$$= \frac{7}{7}$$

$$= 1$$

12

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

$$= \frac{30}{30}$$

$$= 1$$
