



一、分数乘法

分数乘整数(1)

1. 算一算, 填一填。

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

$$\frac{2}{15} \times 4 = \frac{2 \times \square}{15} = \frac{\square}{15}$$

$$\frac{5}{38} \times 7 = \frac{\square \times \square}{38} = \frac{\square}{38}$$

$$\frac{11}{23} \times 11 = \frac{\square \times \square}{\square} = \frac{\square}{\square}$$

$$\frac{3}{17} \times 4 = \frac{\square \times \square}{\square} = \frac{\square}{\square}$$

$$\frac{3}{14} \times 5 = \frac{\square \times \square}{\square} = \frac{\square}{\square}$$

2. 计算下面各题。

$$\frac{8}{11} \times 3$$

$$\frac{2}{5} \times 4$$

$$\frac{7}{25} \times 3$$

$$\frac{4}{15} \times 2$$

$$8 \times \frac{3}{25}$$

$$4 \times \frac{5}{21}$$

$$7 \times \frac{1}{12}$$

$$13 \times \frac{3}{40}$$

$$\frac{2}{9} \times 4$$





分数乘整数(2)

1. 算一算, 填一填。

$$3 \times \frac{2}{9} = \frac{3 \times 2}{9} = \frac{\square}{3}$$

$$3 \times \frac{4}{15} = \frac{\square \times 4}{15} = \frac{\square}{\square}$$

$$16 \times \frac{7}{32} = \frac{\square \times \square}{\square} = \frac{\square}{\square}$$

$$4 \times \frac{5}{24} = \frac{\square \times \square}{24} = \frac{\square}{\square}$$

$$50 \times \frac{3}{100} = \frac{\square \times \square}{\square} = \frac{\square}{\square}$$

$$8 \times \frac{5}{12} = \frac{\square \times \square}{\square} = \frac{\square}{\square}$$

2. 计算下面各题。

$$7 \times \frac{4}{21}$$

$$30 \times \frac{7}{10}$$

$$9 \times \frac{5}{6}$$

$$\frac{5}{16} \times 12$$

$$\frac{5}{27} \times 6$$

$$\frac{7}{30} \times 25$$

$$15 \times \frac{2}{5}$$

$$\frac{3}{7} \times 21$$

$$12 \times \frac{5}{36}$$





分数乘分数(1)

1. 算一算, 填一填。

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

$$\frac{2}{7} \times \frac{3}{5} = \frac{2 \times 3}{7 \times 5} = \frac{\square}{\square}$$

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

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

$$\frac{3}{7} \times \frac{3}{8} = \frac{\square \times \square}{\square \times \square} = \frac{\square}{\square}$$

$$\frac{3}{10} \times \frac{7}{11} = \frac{\square \times \square}{\square \times \square} = \frac{\square}{\square}$$

2. 计算下面各题。

$$\frac{1}{8} \times \frac{5}{9}$$

$$\frac{3}{11} \times \frac{2}{5}$$

$$\frac{4}{21} \times \frac{2}{3}$$

$$\frac{1}{2} \times \frac{7}{9}$$

$$\frac{3}{7} \times \frac{3}{7}$$

$$\frac{9}{10} \times \frac{3}{5}$$

$$\frac{5}{6} \times \frac{1}{11}$$

$$\frac{2}{3} \times \frac{4}{7}$$

$$\frac{4}{9} \times \frac{2}{5}$$





分数乘分数(2)

1. 算一算, 填一填。

$$\frac{2}{5} \times \frac{5}{6} = \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{5}}}{\underset{1}{5} \times \underset{3}{6}} = \frac{\square}{\square}$$

$$\frac{3}{4} \times \frac{8}{9} = \frac{\overset{1}{\cancel{3}} \times \overset{\square}{8}}{\underset{\square}{4} \times \underset{3}{\cancel{9}}} = \frac{\square}{\square}$$

$$\frac{7}{9} \times \frac{3}{10} = \frac{\overset{1}{\cancel{3}} \times \overset{\square}{7}}{\underset{3}{9} \times \underset{\square}{10}} = \frac{\square}{\square}$$

$$\frac{5}{28} \times \frac{4}{5} = \frac{\overset{\square}{5} \times \overset{\square}{4}}{\underset{\square}{28} \times \underset{\square}{\cancel{5}}} = \frac{\square}{\square}$$

2. 计算下面各题。

$$\frac{7}{18} \times \frac{5}{7}$$

$$\frac{5}{14} \times \frac{7}{10}$$

$$\frac{3}{8} \times 16$$

$$\frac{3}{8} \times \frac{5}{6}$$

$$\frac{4}{39} \times \frac{13}{28}$$

$$\frac{5}{7} \times \frac{3}{4}$$

$$\frac{5}{9} \times \frac{18}{25}$$

$$\frac{3}{11} \times \frac{22}{39}$$

$$\frac{19}{20} \times \frac{1}{38}$$





分数乘分数(3)

下面各题算得对吗? 把不对的改正过来。

$$2 \times \frac{4}{5} = \frac{1}{2} \times \frac{4}{5} = \frac{2}{5}$$

$$\frac{5}{9} \times 10 = \frac{5}{9} \times \frac{10}{2} = \frac{1}{18}$$

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

$$\frac{8}{9} \times \frac{5}{6} = \frac{8}{9} \times \frac{5}{\frac{6}{3}} = \frac{9}{12} = \frac{3}{4}$$

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

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

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$$\frac{7}{8} \times 14 = \frac{7}{8} \times \frac{14}{4} = \frac{1}{4}$$

$$\frac{3}{7} \times \frac{5}{6} = \frac{3}{7} \times \frac{5}{\frac{6}{2}} = \frac{5}{9}$$

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分数乘小数

1. 算一算, 填一填。

$$1.5 \times \frac{3}{5} = 1.5 \times 0.6 = \square$$

$$1.5 \times \frac{3}{5} = \frac{15}{10} \times \frac{3}{5} = \frac{\square}{\square}$$

$$1.5 \times \frac{3}{5} = \overset{0.3}{\cancel{1.5}} \times \frac{3}{\cancel{5}} = \square$$

$$1.5 \times \frac{3}{5} = \frac{\square}{\square} \times \frac{\square}{\square} = \square$$

2. 用合适的方法计算下面各题。

$$\frac{3}{4} \times 1.6$$

$$0.14 \times \frac{1}{2}$$

$$3.5 \times \frac{1}{5}$$

$$\frac{5}{8} \times 0.6$$

$$2.8 \times \frac{5}{12}$$

$$1.4 \times \frac{1}{4}$$

$$2.5 \times \frac{4}{15}$$

$$\frac{5}{13} \times 0.39$$

$$6.5 \times \frac{2}{5}$$





分数四则混合运算(1)

1. 算一算, 填一填。

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

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

$$= \frac{1}{2} - \frac{\square}{\square}$$

$$= \frac{\square}{\square}$$

$$\left(\frac{1}{2} - \frac{1}{3}\right) \times \frac{1}{4}$$

$$= \left(\frac{3}{6} - \frac{\square}{6}\right) \times \frac{1}{4}$$

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

$$= \frac{\square}{\square}$$

$$\frac{5}{6} \times \left(\frac{1}{2} + \frac{1}{4}\right)$$

$$= \square \bigcirc \square$$

$$= \square$$

2. 计算下面各题。

$$\frac{2}{5} - \frac{2}{5} \times \frac{1}{2}$$

$$\frac{3}{4} \times \frac{8}{9} + 1$$

$$1 - \frac{5}{7} \times \frac{14}{15}$$

$$\frac{2}{5} \times \left(2 - \frac{3}{4}\right)$$

$$\frac{7}{9} \times \left(1 + \frac{4}{5}\right)$$

$$\frac{5}{7} \times 5 + \frac{2}{7}$$





分数四则混合运算(2)

1. 算一算, 填一填。

$$\frac{3}{4} \times \frac{1}{7} \times 4$$

$$= \frac{3}{\cancel{4}} \times \cancel{4} \times \frac{1}{7}$$

$$= \frac{\square}{\square}$$

$$\frac{2}{5} \times \frac{1}{4} \times \frac{5}{6}$$

$$= \frac{1}{5} \times \frac{1}{\cancel{4}} \times \frac{5}{\cancel{6}}$$

$$= \frac{\square}{\square}$$

2. 计算下面各题。

$$\frac{4}{9} \times \frac{3}{4} \times \frac{9}{13}$$

$$25 \times \frac{19}{50} \times 4$$

$$\frac{8}{5} \times \frac{3}{4} \times \frac{5}{8}$$

$$\frac{9}{11} \times \frac{7}{15} \times \frac{11}{3}$$

$$\frac{4}{5} \times \frac{3}{8} \times \frac{5}{9}$$

$$\frac{2}{3} \times 15 \times \frac{2}{5}$$





分数四则混合运算(3)

1. 算一算, 填一填。

$$15 \times \left(\frac{1}{3} + \frac{1}{5} \right)$$

$$= \overset{5}{15} \times \frac{1}{3} + \overset{3}{15} \times \frac{1}{5}$$

$$= \square + \square$$

$$= \square$$

$$18 \times \left(\frac{1}{2} - \frac{7}{18} \right)$$

$$= 18 \times \frac{1}{2} - 18 \times \frac{\square}{\square}$$

$$= \square - \square$$

$$= \square$$

2. 计算下面各题。

$$\left(\frac{2}{3} - \frac{1}{4} \right) \times 12$$

$$\left(\frac{1}{8} + \frac{1}{2} \right) \times 16$$

$$\left(\frac{1}{5} + \frac{7}{15} \right) \times 15$$

$$18 \times \left(\frac{5}{6} - \frac{2}{9} \right)$$

$$\frac{21}{40} \times \left(\frac{2}{3} + \frac{2}{7} \right)$$

$$\frac{2}{3} \times \left(\frac{4}{5} + \frac{3}{2} \right)$$





分数四则混合运算(4)

1. 算一算, 填一填。

$$\frac{3}{8} \times 7 + \frac{3}{8} \times 9$$

$$= \frac{3}{8} \times (7+9)$$

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

$$= \square$$

$$\frac{5}{7} \times 6 + \frac{5}{7}$$

$$= \frac{5}{7} \times 6 + \frac{5}{7} \times 1$$

$$= \frac{5}{7} \times (\square + \square)$$

$$= \square$$

2. 计算下面各题。

$$\frac{3}{7} \times \frac{4}{17} + \frac{4}{17} \times \frac{4}{7}$$

$$\frac{3}{5} \times \frac{7}{19} + \frac{3}{5} \times \frac{12}{19}$$

$$\frac{2}{9} \times 6 + \frac{7}{9} \times 6$$

$$\frac{8}{13} \times 12 + \frac{8}{13}$$

$$\frac{7}{11} \times 15 - \frac{7}{11} \times 4$$

$$\frac{5}{8} + 7 \times \frac{5}{8}$$





分数四则混合运算(5)

1. 算一算, 填一填。

$$\begin{aligned}
 & 17 \times \frac{9}{16} \\
 &= (16+1) \times \frac{9}{16} \\
 &= 16 \times \frac{9}{16} + 1 \times \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$

$$\begin{aligned}
 & 19 \times \frac{2}{9} \\
 &= (18+1) \times \frac{2}{9} \\
 &= \square \times \square + \square \times \square \\
 &= \square + \square \\
 &= \square
 \end{aligned}$$

$$\begin{aligned}
 & 99 \times \frac{4}{25} \\
 &= (100-1) \times \frac{4}{25} \\
 &= \square \times \square - \square \\
 &= \square - \square \\
 &= \square
 \end{aligned}$$

$$\begin{aligned}
 & 15 \times \frac{3}{4} \\
 &= (16-1) \times \frac{3}{4} \\
 &= \square \times \square - \square \\
 &= \square - \square \\
 &= \square
 \end{aligned}$$

2. 计算下面各题。

$$102 \times \frac{7}{20}$$

$$55 \times \frac{55}{56}$$





分数四则混合运算(6)

计算下面各题。

$$9 \times \frac{7}{8} - \frac{7}{8}$$

$$\frac{1}{5} \times \frac{1}{2} + \frac{1}{5} \times \frac{3}{4} - \frac{1}{5} \times \frac{1}{4}$$

$$3 \times 5 \times \left(\frac{1}{3} - \frac{1}{5} \right)$$

$$2014 \times \frac{2014}{2015}$$

$$\left(\frac{5}{9} + \frac{3}{4} + \frac{7}{12} \right) \times 36$$

$$\frac{7}{13} \times \frac{4}{11} \times 39 \times 22$$

$$\frac{3}{4} \times 2.4 \times \frac{5}{6}$$

$$\frac{3}{4} \times (4-2) \times \frac{1}{2}$$

