

学前指导 巩固基础 思维拓展 综合考查

# 心算口算巧算

## 快速反应基础能力训练

六年级

九年义务教育六年制小学数学

根据人教

最新版

与教材改革

同步



# 前 言

为了帮助小学生灵活地掌握口算、心算、速算的方法，培养学生的口算、心算、速算能力，激发小学生学习数学的兴趣，全面提高小学生的综合素质，我们编写了这套《心算、口算、巧算快速反应基础能力训练》。

本套书与新教材同步，结合新的课程标准理念，紧扣教学大纲的要求，旨在提高学生的口算速度，强化心算能力，灵活运用巧算，加强学生思维能力的培养，全书图文并茂，编写合理，是教师教学、学生学习、家长辅导的好帮手。

编 者

2003.6



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## 一、分数乘法

### 1. 分数乘法的意义和计算法则

#### 练习一

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

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

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

$$\frac{5}{10} \times 5 =$$

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

$$\frac{4}{11} \times 2 =$$

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

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

$$\frac{4}{25} \times 100 =$$

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

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

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

$$\frac{4}{11} \times 5 =$$

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

$$\frac{4}{25} \times 6 =$$

$$\frac{7}{12} \times 9 =$$

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

$$\frac{3}{10} \times 2 =$$

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

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

$$\frac{3}{32} \times 8 =$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{5}{12} \times 4 =$$

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

$$\frac{4}{9} \times 8 =$$



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

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

$$\frac{5}{16} \times 4 =$$

$$\frac{2}{7} \times 7 =$$

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

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

## 练习二

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

$$\frac{3}{16} \times 5 =$$

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

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

$$\frac{5}{17} \times 4 =$$

$$\frac{13}{15} \times 5 =$$

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

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

$$\frac{7}{16} \times 12 =$$

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

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

$$\frac{17}{18} \times 20 =$$

$$\frac{7}{12} \times 9 =$$

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

$$\frac{17}{19} \times 19 =$$

$$\frac{3}{16} + \frac{5}{16} =$$

$$\frac{1}{16} \times 7 =$$

$$\frac{13}{20} \times 14 =$$

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

$$\frac{5}{16} \times 8 =$$

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

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

$$\frac{1}{2} \times 13 =$$

$$\frac{9}{22} \times 11 =$$

$$\frac{2}{21} \times 7 =$$

$$\frac{1}{12} \times 3 =$$

$$\frac{4}{23} \times 14 =$$

$$\frac{5}{31} \times 8 =$$

$$\frac{1}{9} \times 3 =$$

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

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

$$\frac{2}{25} \times 5 =$$

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

$$\frac{3}{4} \times 6 =$$

$$\frac{5}{36} \times 18 =$$

$$\frac{2}{3} \times 14 =$$



$$\frac{2}{3} \times 18 =$$

$$\frac{1}{72} \times 9 =$$

$$\frac{3}{35} \times 7 =$$

$$\frac{3}{4} \times 6 =$$

$$\frac{41}{42} \times 6 =$$

$$\frac{9}{34} \times 68 =$$

## 练习三

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

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

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

$$\frac{4}{5} \times \frac{2}{3} =$$

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

$$\frac{6}{7} \times \frac{1}{3} =$$

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

$$\frac{5}{11} \times \frac{1}{2} =$$

$$\frac{3}{10} \times \frac{1}{2} =$$

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

$$\frac{8}{9} \times \frac{6}{7} =$$

$$\frac{4}{9} \times \frac{1}{4} =$$

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

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

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

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

$$\frac{5}{7} \times \frac{7}{15} =$$

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

$$\frac{3}{16} \times \frac{4}{9} =$$

$$\frac{1}{2} \times \frac{6}{7} =$$

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

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

$$\frac{1}{4} \times \frac{8}{13} =$$

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

$$\frac{8}{9} \times \frac{6}{7} =$$

$$\frac{4}{9} \times \frac{1}{2} =$$

$$\frac{2}{3} \times \frac{4}{5} =$$

$$\frac{5}{6} \times \frac{7}{8} =$$

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

$$\frac{1}{23} \times \frac{23}{24} =$$

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

$$\frac{12}{13} \times \frac{7}{12} =$$

$$\frac{7}{36} \times \frac{4}{7} =$$

$$\frac{11}{12} \times \frac{4}{5} =$$

$$\frac{11}{12} \times \frac{10}{11} =$$

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



$$\frac{5}{7} \times \frac{28}{25} =$$

$$\frac{1}{2} \times \frac{14}{15} =$$

$$\frac{18}{19} \times \frac{1}{18} =$$

$$\frac{7}{10} \times \frac{5}{6} =$$

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

$$\frac{15}{16} \times \frac{8}{15} =$$

### 练习四

1. 分数乘整数,用分数的分子和( )相乘的积作分子,分母( )。

2. 为了计算简便,能约分的要先( ),然后再乘。

3. 3个 $\frac{3}{10}$ 的和是( )。

4.  $\frac{5}{7}$ 的7倍是( )。

5.  $\frac{1}{4}$ 的16倍是( )。

6. 一袋米,每天吃这袋米的 $\frac{1}{25}$ ,5天吃这袋米的( )。

7. 分数乘分数,用分子相乘的积作( ),( )作分母。为了计算简便,也可以( )再乘。

8. 因为整数也可以看成分母是( )的分数,所以分数乘分数的法则也适用于分数和( )相乘。

9.  $\frac{1}{4}$ 千克的 $\frac{5}{6}$ 是( )。

10.  $\frac{2}{5}$ 米的 $\frac{3}{4}$ 是( )。





## 练习五

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

$$\frac{5}{8} \times \frac{2}{5} =$$

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

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

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

$$\frac{5}{7} \times \frac{7}{25} =$$

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

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

$$\frac{17}{18} \times \frac{6}{17} =$$

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

$$\frac{5}{12} \times \frac{12}{25} =$$

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

$$\frac{8}{9} \times \frac{6}{7} =$$

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

在○里填上“>”“<”或“=”。

$$17 \times \frac{4}{5} \bigcirc 17$$

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

$$\frac{1}{10} \times 4 \bigcirc \frac{3}{10}$$

$$6 \times \frac{5}{8} \bigcirc 6 \times \frac{7}{8}$$

$$\frac{5}{6} - \frac{2}{9} \bigcirc \frac{5}{6} \times \frac{2}{9}$$

$$\frac{1}{4} \times \frac{3}{5} \bigcirc \frac{1}{4} \times \frac{4}{5}$$

$$28 \times \frac{4}{7} \bigcirc 21 \times \frac{4}{7}$$

$$\frac{3}{49} \times 7 \bigcirc \frac{3}{35} \times 7$$

$$\frac{5}{12} \times \frac{3}{5} \bigcirc \frac{7}{12} \times \frac{3}{5}$$

$$15 \times \frac{3}{5} \bigcirc \frac{1}{15} \times \frac{3}{5}$$

$$\frac{12}{19} \times \frac{11}{24} \bigcirc \frac{11}{19} \times \frac{12}{24}$$

$$\frac{7}{10} \times \frac{5}{6} \bigcirc \frac{7}{10} \times \frac{6}{5}$$

$$\frac{4}{9} \times \frac{1}{2} \bigcirc \frac{5}{9} \times \frac{1}{2}$$



## 练习六

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

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

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

$$11 + \frac{3}{7} =$$

$$\frac{1}{5} \times \frac{2}{15} =$$

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

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

$$\frac{1}{2} \times 35 =$$

$$\frac{1}{6} \times \frac{8}{11} =$$

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

$$\frac{5}{12} \times \frac{6}{11} =$$

$$\frac{3}{8} - \frac{1}{4} =$$

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

$$21 + \frac{2}{5} =$$

$$\frac{4}{5} + \frac{1}{3} =$$

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

$$30 \times \frac{7}{15} =$$

$$\frac{5}{6} + 0 =$$

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

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

$$\frac{5}{6} \times 0 =$$

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

$$\frac{1}{8} + \frac{7}{8} =$$

$$12 \times \frac{1}{4} =$$

$$\frac{8}{15} \times \frac{9}{16} =$$

$$\frac{5}{12} + \frac{3}{4} =$$

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

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

$$\frac{6}{7} - \frac{2}{3} =$$

$$\frac{4}{5} \times \frac{2}{7} =$$

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

$$\frac{4}{7} \times \frac{5}{8} =$$

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

$$\frac{1}{8} + \frac{1}{4} =$$

$$\frac{5}{12} \times \frac{4}{15} =$$

$$\frac{1}{15} + \frac{1}{5} =$$

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

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

$$14 + \frac{7}{2} =$$

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

$$\frac{5}{6} \times \frac{7}{15} =$$

$$\frac{3}{86} \times \frac{2}{3} =$$



## 练习七

$$\frac{3}{4} \times \frac{1}{6} \times \frac{8}{11} =$$

$$\frac{1}{6} \times 2 + \frac{1}{2} =$$

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

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

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

$$\frac{5}{7} \times 0 + \frac{6}{7} =$$

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

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

$$121 \times \frac{9}{11} - 70 =$$

$$\frac{5}{6} - \frac{3}{4} \times \frac{2}{3} =$$

$$42 \times \frac{5}{21} + \frac{2}{3} =$$

$$9 - \frac{2}{7} \times 21 =$$

$$\frac{4}{5} + \frac{1}{3} \times \frac{6}{5} =$$

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

$$\frac{1}{8} \times \frac{7}{6} \times 0 =$$

$$1 - \frac{5}{7} \times \frac{4}{5} =$$

$$\frac{8}{7} \times \frac{7}{16} - \frac{1}{3} =$$

$$\frac{2}{3} \times \frac{1}{3} + \frac{7}{9} =$$

$$\frac{5}{6} \times \frac{3}{10} - \frac{1}{8} =$$

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

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

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

$$7 - 12 \times \frac{1}{4} =$$

$$\frac{1}{4} \times \frac{2}{5} - \frac{1}{20} =$$

$$60 + 20 \times \frac{4}{5} =$$

$$\left(\frac{2}{3} + \frac{1}{3}\right) \times \frac{5}{6} =$$

$$96 \times \frac{7}{32} - 10 =$$

$$\left(\frac{1}{4} + \frac{1}{16}\right) \times 8 =$$



## 练习八

$$4 \times \left(\frac{1}{4} \times \frac{1}{5}\right) =$$

$$(85 + 1) \times \frac{84}{85} =$$

$$\left(\frac{8}{9} + \frac{4}{27}\right) \times 27 =$$

$$\left(14 + \frac{7}{2}\right) \times \frac{1}{14} =$$

$$\left(\frac{2}{3} + \frac{1}{4}\right) \times 6 =$$

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

$$\left(3 + \frac{1}{11}\right) \times 2 =$$

$$\left(8 + \frac{2}{7}\right) \times 3 =$$

$$\left(\frac{1}{6} + \frac{1}{12}\right) \times 12 =$$

$$\frac{4}{9} \times \frac{5}{6} \times \frac{9}{4} =$$

$$\frac{5}{6} \times \frac{8}{17} \times \frac{6}{5} =$$

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

$$\frac{7}{8} \times \frac{7}{16} \times \frac{8}{7} =$$

$$\frac{14}{15} \times \frac{7}{15} \times \frac{15}{14} =$$

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

$$\frac{2}{3} \times \frac{4}{7} + \frac{4}{7} \times \frac{1}{3} =$$

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

$$\frac{7}{9} \times \frac{2}{3} + \frac{2}{3} \times \frac{2}{9} =$$

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

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

$$\frac{1}{4} \times \frac{5}{16} + \frac{5}{16} \times \frac{3}{4} =$$

$$\frac{6}{7} \times \frac{3}{4} - \frac{2}{7} \times \frac{3}{4} =$$

$$2 \times \frac{5}{6} - \frac{5}{6} =$$

$$15 \times \frac{7}{12} - 3 \times \frac{7}{12} =$$

$$\frac{6}{11} \times \frac{5}{8} + \frac{6}{11} \times \frac{3}{8} =$$

$$\frac{3}{4} \times \frac{8}{17} + \frac{8}{17} \times \frac{1}{4} =$$

$$\frac{1}{8} + \frac{4}{15} + \frac{7}{8} + \frac{4}{15} =$$

$$\frac{4}{21} \times \frac{5}{3} + \frac{4}{21} \times \frac{4}{3} =$$



## 2. 分数乘法应用题

## 练习九

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

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

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

$60 \times \frac{1}{12} =$

$7\frac{2}{3} + 3\frac{1}{4} =$

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

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

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

$9\frac{3}{4} \times 1\frac{1}{39} =$

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

$7\frac{4}{15} + 2\frac{7}{15} =$

$5\frac{1}{2} \times \frac{1}{11} =$

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

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

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

$\frac{1}{10} \times \frac{1}{4} =$

$6\frac{1}{2} + 8 =$

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

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

$9\frac{3}{4} \div 1\frac{1}{2} =$

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

$\frac{7}{8} - \frac{3}{4} =$

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

$7\frac{2}{3} \times 3\frac{1}{23} =$

$\frac{5}{6} \times 14 =$

$3\frac{2}{3} + 8\frac{1}{2} =$

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

$\frac{5}{21} \times \frac{4}{15} =$

$9\frac{3}{4} - 9 =$

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

$\frac{5}{9} + \frac{1}{6} =$

$6\frac{2}{11} - 5\frac{2}{11} =$

$\frac{4}{5} \times 1\frac{2}{3} =$

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

$13\frac{1}{4} + 12\frac{3}{4} =$

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

$\frac{8}{15} \times \frac{5}{6} =$

$8\frac{4}{7} + 1\frac{2}{3} =$

$3\frac{1}{2} \times 4\frac{1}{7} =$



$$24 \times \frac{5}{12} =$$

$$11 - 9\frac{3}{7} =$$

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

### 练习十

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

$$\frac{1}{8} \times \frac{4}{5} =$$

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

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

$$7\frac{2}{3} + 1\frac{1}{3} =$$

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

$$9 \times 1\frac{2}{3} =$$

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

$$2\frac{1}{7} \times \frac{1}{5} =$$

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

$$\frac{4}{9} \times 1\frac{4}{5} =$$

$$7\frac{1}{2} - \frac{1}{4} =$$

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

$$7\frac{3}{4} - 3\frac{5}{8} =$$

$$\frac{11}{19} \times \frac{7}{11} =$$

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

$$\frac{3}{14} - \frac{1}{7} =$$

$$12\frac{1}{2} \times \frac{1}{25} =$$

$$\frac{5}{12} \times \frac{3}{5} =$$

$$\frac{7}{9} \times \frac{3}{7} =$$

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

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

$$\frac{5}{8} \times \frac{7}{10} =$$

$$8\frac{1}{8} \times 8 =$$

$$7\frac{1}{2} + 3\frac{1}{2} =$$

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

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

$$3\frac{1}{3} - 1\frac{1}{3} =$$

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

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

$$\frac{6}{19} \times \frac{1}{12} =$$

$$\frac{3}{4} \times \frac{4}{11} =$$

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

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

$$3\frac{1}{2} \times \frac{1}{7} =$$

$$8\frac{1}{2} + 7\frac{1}{2} =$$

$$6 - 4\frac{3}{4} =$$

$$2\frac{1}{2} \times 0 =$$

$$4\frac{1}{2} \times 12 =$$

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

$$\frac{5}{9} \times \frac{7}{15} =$$

$$4\frac{5}{13} - 1\frac{5}{13} =$$



## 练习十一

1. 小易有 48 枚邮票, 小云的邮票是小易的  $\frac{7}{8}$ , 小江的邮票是小云的  $\frac{9}{7}$ 。小江有多少枚邮票?

想: 根据“小云的邮票是小易的  $\frac{7}{8}$ ”, 把( ) 看做单位“1”。根据“小江的邮票是小云的  $\frac{9}{7}$ ”, 再把小云的邮票数看做( ), 求出小江的邮票张数。

分步列式: (1) \_\_\_\_\_

(2) \_\_\_\_\_

综合列式:

答: \_\_\_\_\_

2. 甲是乙的  $\frac{2}{3}$ , 单位“1”是( );

甲的  $\frac{11}{15}$  相当于乙, 单位“1”是( );

货车的速度是客车的  $\frac{3}{4}$ , 单位“1”是( );

一班人数是二班人数的  $\frac{5}{4}$ , 单位“1”是( );

种玉米的面积是种水稻面积的  $\frac{5}{6}$ , 单位“1”是( )。



### 3. 倒数的认识

#### 练习十二

$$\frac{2}{3} \times ( ) = 1$$

$$2 \text{ 的倒数是 } ( )$$

$$\frac{3}{4} \times ( ) = 1$$

$$\frac{3}{2} \text{ 的倒数是 } ( )$$

$$\frac{1}{6} \times ( ) = 1$$

$$\frac{5}{6} \text{ 的倒数是 } ( )$$

$$\frac{11}{12} \times ( ) = 1$$

$$\frac{5}{7} \text{ 的倒数是 } ( )$$

$$\frac{9}{14} \times ( ) = 1$$

$$\frac{1}{11} \text{ 的倒数是 } ( )$$

$$\frac{8}{11} \times ( ) = 1$$

$$( ) \text{ 的倒数是 } \frac{1}{2}$$

$$( ) \text{ 的倒数是 } 3$$

$$\frac{7}{15} \times ( ) = 1$$

$$( ) \text{ 的倒数是 } \frac{11}{3}$$

$$( ) \text{ 的倒数是 } 8$$

$$\frac{10}{7} \times ( ) = 1$$

$$\frac{9}{2} \text{ 的倒数是 } ( )$$

$$\frac{9}{8} \times ( ) = 1$$

$$\frac{13}{7} \text{ 的倒数是 } ( )$$

$$\frac{1}{3} \times ( ) = 1$$

$$1 \text{ 的倒数是 } ( )$$

$$\frac{1}{2} \times ( ) = 1$$

$$\frac{7}{8} \text{ 的倒数是 } ( )$$

$$\frac{8}{3} \times ( ) = 1$$

$$\frac{23}{5} \text{ 的倒数是 } ( )$$

$$\frac{2}{5} \times ( ) = 1$$

$$\frac{4}{7} \times ( ) = 1$$





## 练习十三

$$\frac{5}{8} \times \frac{3}{7} =$$

$$25 \times \frac{3}{5} =$$

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

$$\frac{4}{15} \times \frac{5}{12} =$$

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

$$\frac{1}{12} + \frac{17}{12} =$$

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

$$\frac{7}{8} \times \frac{8}{21} =$$

$$\frac{3}{4} - \frac{5}{8} =$$

$$\frac{5}{6} \times \frac{4}{15} =$$

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

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

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

$$39 \times \frac{7}{26} =$$

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

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

$$\frac{1}{10} + \frac{9}{10} =$$

$$\frac{5}{6} \times 30 =$$

$$\frac{3}{4} \times \frac{8}{15} =$$

$$\frac{1}{3} + \frac{1}{8} =$$

$$\frac{7}{9} - \frac{5}{9} =$$

$$\frac{5}{7} \times \frac{21}{25} =$$

$$0 \times \frac{10}{13} =$$

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

$$\frac{13}{14} \times \frac{28}{39} =$$

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

$$42 \times \frac{2}{7} =$$

$$\frac{4}{9} \times \frac{1}{2} =$$

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

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

$$\frac{3}{4} \times \frac{16}{27} =$$

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

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

$$\frac{11}{12} \times \frac{3}{22} =$$

$$\frac{13}{16} \times \frac{4}{13} =$$

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

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

$$\frac{1}{9} + \frac{5}{18} =$$

$$\frac{4}{9} - \frac{1}{3} =$$

$$\frac{12}{19} \times \frac{11}{24} =$$

$$\frac{3}{4} - \frac{1}{8} =$$

$$\frac{12}{17} \times \frac{17}{12} =$$