



计算超市

计算能力是数学学习中一项基本能力，是学好数学和其他学科的重要基础。扎实的计算可以提升孩子的专注力及数学学习的自信心，同时计算贯穿数学学习的全过程。

“天下武功，唯快不破！”计算同样追求一个“快”字！计算速度的提升，能够大大缩短孩子的解题时间，当然，只求“快”是万万不够的，算的快却总出错，没有任何意义，唯有又快又准，才能问鼎计算高峰！

回想这些年你做错过的计算题，为什么错呢？大量的回答可以归结为两点：

1. 粗心！粗心！太粗心了！

抄错数、看串行、忘了进退位，点错了小数点……明明会算的偏偏算错，根本原因在于——注意力不集中！关于专注力的训练网上有很多经验贴，这里推荐“舒尔特表”，“舒尔特表”可以通过动态的练习锻炼视神经末梢，培养注意力的集中、分配、控制能力。

2. 基本功不扎实呗！

说白了，就是没能很好的掌握计算方法和技巧！乘法竖式怎么列？积与商怎么对位？四则混合运算先算什么后算什么？方程到底怎么解？特别是以后学习了分数计算，需要学会的方法和技巧就更多了！

计算方法，也是计算的基本功。除了在学习之初就要理解透彻之外，还要坚持不断的练习与巩固，一是避免遗忘，二是增加熟练度，俗话说“熟能生巧”，练得多了，方法自然就领悟了。

计算技巧，指的就是我们在课堂上学习过的各种巧算技巧。复杂的计算题，通过巧算可以变得无比简单，不仅降低了计算量，提高了准确率，还能提高计算速度，可谓一举多得！

小数化分数

$0.57 = \underline{\quad\quad}$

$0.8 = \underline{\quad\quad}$

$0.62 = \underline{\quad\quad}$

$0.69 = \underline{\quad\quad}$

$0.83 = \underline{\quad\quad}$

$0.55 = \underline{\quad\quad}$

$0.78 = \underline{\quad\quad}$

$0.09 = \underline{\quad\quad}$

$0.66 = \underline{\quad\quad}$

$0.1 = \underline{\quad\quad}$

$0.92 = \underline{\quad\quad}$

$0.64 = \underline{\quad\quad}$

$0.39 = \underline{\quad\quad}$

$0.38 = \underline{\quad\quad}$

$0.75 = \underline{\quad\quad}$

$0.54 = \underline{\quad\quad}$

$0.89 = \underline{\quad\quad}$

$0.04 = \underline{\quad\quad}$

练习 2

小数化分数

$0.29 = \underline{\quad\quad}$

$0.26 = \underline{\quad\quad}$

$0.08 = \underline{\quad\quad}$

$0.01 = \underline{\quad\quad}$

$0.91 = \underline{\quad\quad}$

$0.79 = \underline{\quad\quad}$

$0.48 = \underline{\quad\quad}$

$0.37 = \underline{\quad\quad}$

$0.33 = \underline{\quad\quad}$

$0.88 = \underline{\quad\quad}$

$0.06 = \underline{\quad\quad}$

$0.25 = \underline{\quad\quad}$

$0.98 = \underline{\quad\quad}$

$0.59 = \underline{\quad\quad}$

$0.22 = \underline{\quad\quad}$

$0.58 = \underline{\quad\quad}$

$0.44 = \underline{\quad\quad}$

$0.15 = \underline{\quad\quad}$

分数化小数

$$\frac{1}{10} = \underline{\quad}$$

$$\frac{2}{5} = \underline{\quad}$$

$$\frac{3}{4} = \underline{\quad}$$

$$\frac{1}{2} = \underline{\quad}$$

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

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

$$\frac{1}{20} = \underline{\quad}$$

$$\frac{3}{5} = \underline{\quad}$$

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

$$\frac{3}{10} = \underline{\quad}$$

$$\frac{5}{8} = \underline{\quad}$$

$$\frac{11}{20} = \underline{\quad}$$

$$\frac{1}{25} = \underline{\quad}$$

$$\frac{23}{100} = \underline{\quad}$$

$$\frac{7}{10} = \underline{\quad}$$

$$\frac{13}{20} = \underline{\quad}$$

$$\frac{37}{100} = \underline{\quad}$$

$$\frac{9}{10} = \underline{\quad}$$

练习 4

分数化小数

$$\frac{17}{20} = \underline{\hspace{2cm}}$$

$$\frac{13}{50} = \underline{\hspace{2cm}}$$

$$\frac{3}{100} = \underline{\hspace{2cm}}$$

$$\frac{2}{25} = \underline{\hspace{2cm}}$$

$$\frac{23}{50} = \underline{\hspace{2cm}}$$

$$\frac{7}{100} = \underline{\hspace{2cm}}$$

$$\frac{19}{20} = \underline{\hspace{2cm}}$$

$$\frac{3}{50} = \underline{\hspace{2cm}}$$

$$\frac{7}{25} = \underline{\hspace{2cm}}$$

$$\frac{39}{100} = \underline{\hspace{2cm}}$$

$$\frac{33}{50} = \underline{\hspace{2cm}}$$

$$\frac{9}{20} = \underline{\hspace{2cm}}$$

$$\frac{11}{100} = \underline{\hspace{2cm}}$$

$$\frac{3}{20} = \underline{\hspace{2cm}}$$

$$\frac{8}{25} = \underline{\hspace{2cm}}$$

$$\frac{17}{50} = \underline{\hspace{2cm}}$$

$$\frac{97}{100} = \underline{\hspace{2cm}}$$

$$\frac{9}{25} = \underline{\hspace{2cm}}$$

分小互化

$0.28 = \underline{\quad\quad}$

$0.24 = \underline{\quad\quad}$

$0.21 = \underline{\quad\quad}$

$\frac{7}{20} = \underline{\quad\quad}$

$\frac{19}{50} = \underline{\quad\quad}$

$\frac{43}{100} = \underline{\quad\quad}$

$0.46 = \underline{\quad\quad}$

$0.86 = \underline{\quad\quad}$

$0.14 = \underline{\quad\quad}$

$\frac{12}{25} = \underline{\quad\quad}$

$\frac{43}{50} = \underline{\quad\quad}$

$\frac{73}{100} = \underline{\quad\quad}$

$0.96 = \underline{\quad\quad}$

$0.97 = \underline{\quad\quad}$

$0.87 = \underline{\quad\quad}$

$\frac{17}{100} = \underline{\quad\quad}$

$\frac{33}{1000} = \underline{\quad\quad}$

$\frac{17}{25} = \underline{\quad\quad}$

练习 6

同分母加法

$$\frac{6}{11} + \frac{4}{11} = \underline{\hspace{2cm}}$$

$$\frac{3}{7} + \frac{5}{7} = \underline{\hspace{2cm}}$$

$$\frac{5}{11} + \frac{9}{11} = \underline{\hspace{2cm}}$$

$$\frac{6}{13} + \frac{1}{13} = \underline{\hspace{2cm}}$$

$$\frac{8}{9} + \frac{7}{9} = \underline{\hspace{2cm}}$$

$$\frac{3}{5} + \frac{3}{5} = \underline{\hspace{2cm}}$$

$$\frac{2}{5} + \frac{2}{5} = \underline{\hspace{2cm}}$$

$$\frac{3}{8} + \frac{1}{8} = \underline{\hspace{2cm}}$$

$$\frac{1}{7} + \frac{5}{7} = \underline{\hspace{2cm}}$$

$$\frac{2}{7} + \frac{1}{7} = \underline{\hspace{2cm}}$$

$$\frac{5}{7} + \frac{4}{7} = \underline{\hspace{2cm}}$$

$$\frac{7}{11} + \frac{10}{11} = \underline{\hspace{2cm}}$$

$$\frac{5}{16} + \frac{1}{16} = \underline{\hspace{2cm}}$$

$$\frac{5}{6} + \frac{5}{6} = \underline{\hspace{2cm}}$$

$$\frac{5}{7} + \frac{4}{7} = \underline{\hspace{2cm}}$$

$$\frac{7}{12} + \frac{1}{12} = \underline{\hspace{2cm}}$$

$$\frac{5}{7} + \frac{3}{7} = \underline{\hspace{2cm}}$$

$$\frac{7}{18} + \frac{1}{18} = \underline{\hspace{2cm}}$$

同分母减法

$$\frac{6}{7} - \frac{4}{7} = \underline{\quad}$$

$$\frac{7}{11} - \frac{4}{11} = \underline{\quad}$$

$$\frac{2}{9} - \frac{1}{9} = \underline{\quad}$$

$$\frac{5}{9} - \frac{1}{9} = \underline{\quad}$$

$$\frac{5}{11} - \frac{4}{11} = \underline{\quad}$$

$$\frac{6}{7} - \frac{5}{7} = \underline{\quad}$$

$$\frac{3}{5} - \frac{2}{5} = \underline{\quad}$$

$$\frac{9}{11} - \frac{3}{11} = \underline{\quad}$$

$$\frac{5}{7} - \frac{4}{7} = \underline{\quad}$$

$$\frac{7}{12} - \frac{5}{12} = \underline{\quad}$$

$$\frac{8}{9} - \frac{1}{9} = \underline{\quad}$$

$$\frac{10}{11} - \frac{5}{11} = \underline{\quad}$$

$$\frac{16}{15} - \frac{8}{15} = \underline{\quad}$$

$$\frac{6}{11} - \frac{4}{11} = \underline{\quad}$$

$$\frac{11}{20} - \frac{3}{20} = \underline{\quad}$$

$$\frac{11}{18} - \frac{7}{18} = \underline{\quad}$$

$$\frac{11}{20} - \frac{7}{20} = \underline{\quad}$$

$$\frac{9}{14} - \frac{5}{14} = \underline{\quad}$$

练习 8

异分母加法

$$\frac{1}{2} + \frac{11}{12} = \underline{\hspace{2cm}}$$

$$\frac{1}{8} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\frac{2}{7} + \frac{9}{14} = \underline{\hspace{2cm}}$$

$$\frac{3}{5} + \frac{1}{10} = \underline{\hspace{2cm}}$$

$$\frac{7}{16} + \frac{1}{8} = \underline{\hspace{2cm}}$$

$$\frac{1}{4} + \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{9}{16} + \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{1}{8} + \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{4}{7} + \frac{3}{14} = \underline{\hspace{2cm}}$$

$$\frac{8}{15} + \frac{1}{5} = \underline{\hspace{2cm}}$$

$$\frac{5}{7} + \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{5}{12} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\frac{11}{16} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\frac{3}{4} + \frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{1}{5} + \frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{7}{18} + \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{7}{15} + \frac{5}{6} = \underline{\hspace{2cm}}$$

$$\frac{3}{4} + \frac{1}{3} = \underline{\hspace{2cm}}$$

异分母减法

$$\frac{1}{4} - \frac{1}{8} = \underline{\quad}$$

$$\frac{2}{5} - \frac{1}{10} = \underline{\quad}$$

$$\frac{3}{10} - \frac{1}{5} = \underline{\quad}$$

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

$$\frac{1}{3} - \frac{1}{9} = \underline{\quad}$$

$$\frac{8}{9} - \frac{1}{3} = \underline{\quad}$$

$$\frac{1}{2} - \frac{7}{20} = \underline{\quad}$$

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

$$\frac{13}{10} - \frac{4}{5} = \underline{\quad}$$

$$\frac{9}{10} - \frac{5}{6} = \underline{\quad}$$

$$\frac{3}{5} - \frac{3}{16} = \underline{\quad}$$

$$\frac{2}{3} - \frac{3}{5} = \underline{\quad}$$

$$\frac{7}{5} - \frac{3}{4} = \underline{\quad}$$

$$\frac{13}{10} - \frac{3}{4} = \underline{\quad}$$

$$\frac{11}{10} - \frac{14}{15} = \underline{\quad}$$

$$\frac{3}{4} - \frac{1}{10} = \underline{\quad}$$

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

$$\frac{3}{10} - \frac{1}{6} = \underline{\quad}$$

练习 10

真分数加减法

$$\frac{2}{9} + \frac{8}{9} = \underline{\hspace{2cm}}$$

$$\frac{1}{7} + \frac{3}{7} = \underline{\hspace{2cm}}$$

$$\frac{3}{13} + \frac{8}{13} = \underline{\hspace{2cm}}$$

$$\frac{14}{15} - \frac{11}{15} = \underline{\hspace{2cm}}$$

$$\frac{7}{18} - \frac{1}{18} = \underline{\hspace{2cm}}$$

$$\frac{8}{13} - \frac{1}{13} = \underline{\hspace{2cm}}$$

$$\frac{1}{3} + \frac{8}{9} = \underline{\hspace{2cm}}$$

$$\frac{17}{20} + \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{7}{16} + \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{3}{4} - \frac{1}{8} = \underline{\hspace{2cm}}$$

$$\frac{11}{10} - \frac{17}{20} = \underline{\hspace{2cm}}$$

$$\frac{9}{16} - \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{3}{4} + \frac{1}{6} = \underline{\hspace{2cm}}$$

$$\frac{9}{10} + \frac{4}{15} = \underline{\hspace{2cm}}$$

$$\frac{7}{20} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\frac{7}{10} - \frac{1}{6} = \underline{\hspace{2cm}}$$

$$\frac{5}{4} - \frac{9}{10} = \underline{\hspace{2cm}}$$

$$\frac{4}{5} - \frac{1}{2} = \underline{\hspace{2cm}}$$

带分数加法

$5\frac{5}{7} + 9\frac{1}{7} = \underline{\hspace{2cm}}$

$6\frac{1}{11} + 10\frac{6}{11} = \underline{\hspace{2cm}}$

$3\frac{7}{18} + 2\frac{1}{18} = \underline{\hspace{2cm}}$

$10\frac{1}{7} + 15\frac{2}{7} = \underline{\hspace{2cm}}$

$7\frac{1}{13} + \frac{7}{13} = \underline{\hspace{2cm}}$

$6\frac{1}{5} + 9\frac{2}{5} = \underline{\hspace{2cm}}$

$2\frac{9}{13} + 9\frac{1}{13} = \underline{\hspace{2cm}}$

$7\frac{2}{11} + 15\frac{8}{11} = \underline{\hspace{2cm}}$

$20\frac{3}{7} + \frac{2}{7} = \underline{\hspace{2cm}}$

$12\frac{1}{6} + 5\frac{4}{6} = \underline{\hspace{2cm}}$

$6\frac{11}{20} + 4\frac{3}{20} = \underline{\hspace{2cm}}$

$8\frac{2}{11} + 4\frac{7}{11} = \underline{\hspace{2cm}}$

$11\frac{5}{11} + 2\frac{8}{11} = \underline{\hspace{2cm}}$

$6\frac{3}{16} + 5\frac{15}{16} = \underline{\hspace{2cm}}$

$4\frac{4}{7} + 2\frac{3}{7} = \underline{\hspace{2cm}}$

$6\frac{3}{10} + 2\frac{9}{10} = \underline{\hspace{2cm}}$

$12\frac{5}{8} + 2\frac{3}{8} = \underline{\hspace{2cm}}$

$1\frac{23}{30} + 4\frac{17}{30} = \underline{\hspace{2cm}}$

练习 12

带分数减法

$$5\frac{4}{9} - 1\frac{2}{9} = \underline{\hspace{2cm}}$$

$$12\frac{5}{7} - 2\frac{3}{7} = \underline{\hspace{2cm}}$$

$$6\frac{7}{12} - 3\frac{1}{12} = \underline{\hspace{2cm}}$$

$$5\frac{14}{15} - 3\frac{4}{15} = \underline{\hspace{2cm}}$$

$$16\frac{17}{20} - \frac{7}{20} = \underline{\hspace{2cm}}$$

$$12\frac{9}{13} - 12\frac{8}{13} = \underline{\hspace{2cm}}$$

$$12\frac{5}{8} - 4\frac{5}{8} = \underline{\hspace{2cm}}$$

$$7\frac{7}{11} - 2\frac{6}{11} = \underline{\hspace{2cm}}$$

$$9\frac{15}{16} - \frac{7}{16} = \underline{\hspace{2cm}}$$

$$2\frac{17}{18} - 2\frac{7}{18} = \underline{\hspace{2cm}}$$

$$20\frac{13}{16} - 4\frac{11}{16} = \underline{\hspace{2cm}}$$

$$9\frac{5}{8} - 5\frac{3}{8} = \underline{\hspace{2cm}}$$

$$15\frac{1}{6} - 10\frac{5}{6} = \underline{\hspace{2cm}}$$

$$12\frac{3}{7} - 8\frac{6}{7} = \underline{\hspace{2cm}}$$

$$21\frac{2}{9} - \frac{7}{9} = \underline{\hspace{2cm}}$$

$$13\frac{7}{10} - 3\frac{7}{10} = \underline{\hspace{2cm}}$$

$$15\frac{7}{12} - 14\frac{11}{12} = \underline{\hspace{2cm}}$$

$$11\frac{2}{9} - 3\frac{7}{9} = \underline{\hspace{2cm}}$$

带分数加法

$9\frac{7}{16} + \frac{3}{8} = \underline{\hspace{2cm}}$

$10\frac{7}{9} + \frac{1}{18} = \underline{\hspace{2cm}}$

$6\frac{1}{15} + 2\frac{1}{5} = \underline{\hspace{2cm}}$

$5\frac{7}{9} + 3\frac{3}{18} = \underline{\hspace{2cm}}$

$6\frac{2}{7} + 4\frac{5}{14} = \underline{\hspace{2cm}}$

$1\frac{1}{3} + 2\frac{7}{15} = \underline{\hspace{2cm}}$

$2\frac{11}{15} + 4\frac{1}{5} = \underline{\hspace{2cm}}$

$8\frac{1}{15} + \frac{7}{20} = \underline{\hspace{2cm}}$

$7\frac{1}{33} + \frac{5}{6} = \underline{\hspace{2cm}}$

$10\frac{7}{15} + 4\frac{1}{6} = \underline{\hspace{2cm}}$

$4\frac{7}{20} + 7\frac{1}{15} = \underline{\hspace{2cm}}$

$7\frac{5}{6} + \frac{1}{10} = \underline{\hspace{2cm}}$

$4\frac{9}{20} + 6\frac{4}{5} = \underline{\hspace{2cm}}$

$5\frac{11}{16} + 10\frac{1}{2} = \underline{\hspace{2cm}}$

$1\frac{3}{5} + 4\frac{14}{15} = \underline{\hspace{2cm}}$

$12\frac{17}{20} + 2\frac{2}{5} = \underline{\hspace{2cm}}$

$7\frac{8}{15} + \frac{4}{5} = \underline{\hspace{2cm}}$

$21\frac{13}{16} + 2\frac{5}{6} = \underline{\hspace{2cm}}$

练习 14

带分数减法

$6\frac{13}{16} - 2\frac{3}{8} = \underline{\hspace{2cm}}$

$10\frac{7}{9} - 7\frac{7}{18} = \underline{\hspace{2cm}}$

$9\frac{4}{15} - 2\frac{1}{5} = \underline{\hspace{2cm}}$

$7\frac{7}{9} - 2\frac{3}{18} = \underline{\hspace{2cm}}$

$10\frac{9}{14} - 6\frac{2}{7} = \underline{\hspace{2cm}}$

$3\frac{4}{5} - 2\frac{7}{15} = \underline{\hspace{2cm}}$

$12\frac{14}{15} - 4\frac{1}{5} = \underline{\hspace{2cm}}$

$8\frac{5}{12} - \frac{7}{20} = \underline{\hspace{2cm}}$

$10\frac{19}{22} - 5\frac{5}{6} = \underline{\hspace{2cm}}$

$55\frac{1}{10} - 4\frac{1}{6} = \underline{\hspace{2cm}}$

$11\frac{11}{12} - 7\frac{1}{15} = \underline{\hspace{2cm}}$

$1\frac{11}{15} - \frac{9}{10} = \underline{\hspace{2cm}}$

$4\frac{1}{2} - \frac{13}{20} = \underline{\hspace{2cm}}$

$5\frac{1}{2} - \frac{3}{4} = \underline{\hspace{2cm}}$

$8\frac{1}{5} - 4\frac{3}{10} = \underline{\hspace{2cm}}$

$12\frac{5}{6} - 7\frac{9}{10} = \underline{\hspace{2cm}}$

$23\frac{3}{16} - 20\frac{3}{5} = \underline{\hspace{2cm}}$

$11\frac{3}{5} - 8\frac{2}{3} = \underline{\hspace{2cm}}$

带分数加减法

$4\frac{5}{12} + 6\frac{5}{12} = \underline{\hspace{2cm}}$

$11\frac{13}{20} + 12\frac{3}{20} = \underline{\hspace{2cm}}$

$8\frac{3}{11} + 1\frac{7}{11} = \underline{\hspace{2cm}}$

$2\frac{7}{15} - 2\frac{7}{15} = \underline{\hspace{2cm}}$

$11\frac{11}{20} - 6\frac{7}{20} = \underline{\hspace{2cm}}$

$20\frac{11}{13} - 10\frac{8}{13} = \underline{\hspace{2cm}}$

$7\frac{7}{9} + 3\frac{3}{18} = \underline{\hspace{2cm}}$

$7\frac{2}{7} + 5\frac{5}{14} = \underline{\hspace{2cm}}$

$9\frac{1}{15} + 4\frac{7}{20} = \underline{\hspace{2cm}}$

$7\frac{8}{15} - 4\frac{1}{5} = \underline{\hspace{2cm}}$

$4\frac{5}{12} - 2\frac{7}{20} = \underline{\hspace{2cm}}$

$21\frac{11}{12} - 1\frac{1}{15} = \underline{\hspace{2cm}}$

$8\frac{3}{10} + 2\frac{9}{10} = \underline{\hspace{2cm}}$

$5\frac{8}{15} + 5\frac{4}{5} = \underline{\hspace{2cm}}$

$3\frac{13}{16} + 10\frac{5}{6} = \underline{\hspace{2cm}}$

$5\frac{7}{12} - 4\frac{11}{12} = \underline{\hspace{2cm}}$

$21\frac{5}{6} - 7\frac{9}{10} = \underline{\hspace{2cm}}$

$13\frac{3}{5} - 6\frac{2}{3} = \underline{\hspace{2cm}}$

练习 16

加减混合

$$\frac{5}{6} - \frac{9}{11} + \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{7}{11} + \frac{1}{3} - \frac{10}{11} = \underline{\hspace{2cm}}$$

$$\frac{3}{5} + \frac{2}{5} - \frac{5}{7} = \underline{\hspace{2cm}}$$

$$\frac{7}{12} - \frac{4}{9} + \frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{2}{7} + \frac{5}{8} - \frac{2}{7} = \underline{\hspace{2cm}}$$

$$\frac{2}{7} + \frac{11}{18} - \frac{1}{9} = \underline{\hspace{2cm}}$$

$$\frac{5}{8} + \frac{3}{17} - \frac{5}{8} = \underline{\hspace{2cm}}$$

$$\frac{1}{12} - \frac{1}{12} + \frac{9}{11} = \underline{\hspace{2cm}}$$

$$\frac{11}{15} + \frac{1}{6} - \frac{4}{5} = \underline{\hspace{2cm}}$$

$$\frac{7}{20} + \frac{7}{12} - \frac{5}{9} = \underline{\hspace{2cm}}$$

$$\frac{3}{7} + \frac{1}{2} - \frac{6}{7} = \underline{\hspace{2cm}}$$

$$\frac{1}{14} + \frac{1}{10} + \frac{4}{5} = \underline{\hspace{2cm}}$$

$$\frac{2}{15} + \frac{1}{11} + \frac{8}{15} = \underline{\hspace{2cm}}$$

$$\frac{3}{5} - \frac{7}{12} + \frac{2}{5} = \underline{\hspace{2cm}}$$

$$\frac{4}{9} - \frac{1}{3} + \frac{3}{5} = \underline{\hspace{2cm}}$$

加减混合

$$\frac{2}{3} - \frac{5}{9} + \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{6}{11} + \frac{5}{11} - \frac{6}{7} = \underline{\hspace{2cm}}$$

$$\frac{10}{11} - \frac{10}{11} + \frac{2}{13} = \underline{\hspace{2cm}}$$

$$\frac{7}{10} - \frac{1}{5} - \frac{2}{11} = \underline{\hspace{2cm}}$$

$$\frac{2}{3} + \frac{1}{3} - \frac{8}{9} = \underline{\hspace{2cm}}$$

$$\frac{2}{3} + \frac{4}{15} - \frac{4}{9} = \underline{\hspace{2cm}}$$

$$\frac{1}{12} + \frac{2}{7} + \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{1}{3} + \frac{1}{2} + \frac{1}{7} = \underline{\hspace{2cm}}$$

$$\frac{5}{16} + \frac{2}{3} - \frac{11}{12} = \underline{\hspace{2cm}}$$

$$\frac{1}{4} + \frac{1}{2} - \frac{2}{11} = \underline{\hspace{2cm}}$$

$$\frac{1}{4} + \frac{1}{2} - \frac{5}{11} = \underline{\hspace{2cm}}$$

$$\frac{8}{9} - \frac{2}{9} - \frac{3}{5} = \underline{\hspace{2cm}}$$

$$\frac{7}{10} + \frac{1}{4} - \frac{4}{5} = \underline{\hspace{2cm}}$$

$$\frac{5}{8} - \frac{2}{5} + \frac{5}{8} = \underline{\hspace{2cm}}$$

$$\frac{1}{3} - \frac{1}{9} + \frac{3}{4} = \underline{\hspace{2cm}}$$

练习 18

加减混合

$$2\frac{9}{20} + 3\frac{2}{5} - 1\frac{3}{4} = \underline{\hspace{2cm}}$$

$$12\frac{5}{12} + 4\frac{3}{14} + \frac{1}{3} = \underline{\hspace{2cm}}$$

$$12\frac{5}{8} - 4\frac{4}{7} + 5\frac{5}{8} = \underline{\hspace{2cm}}$$

$$7\frac{11}{18} + 3\frac{1}{3} - 4\frac{11}{12} = \underline{\hspace{2cm}}$$

$$4\frac{2}{9} + 5\frac{5}{18} + 2\frac{8}{17} = \underline{\hspace{2cm}}$$

$$3\frac{7}{18} + 5\frac{3}{10} + 6\frac{5}{18} = \underline{\hspace{2cm}}$$

$$10\frac{5}{7} - 5\frac{3}{5} + 2\frac{1}{7} = \underline{\hspace{2cm}}$$

$$4\frac{1}{9} + 4\frac{2}{9} + 2\frac{9}{14} = \underline{\hspace{2cm}}$$

$$6\frac{1}{12} - 2\frac{1}{12} + 3\frac{1}{5} = \underline{\hspace{2cm}}$$

$$5\frac{1}{8} + 6\frac{7}{8} - 3\frac{3}{7} = \underline{\hspace{2cm}}$$

$$5\frac{5}{6} + 7\frac{1}{11} - 3\frac{5}{6} = \underline{\hspace{2cm}}$$

$$6\frac{1}{8} + 7\frac{3}{20} - 2\frac{1}{5} = \underline{\hspace{2cm}}$$

加减混合

$$4\frac{1}{4} + 2\frac{1}{2} - 3\frac{2}{11} = \underline{\hspace{2cm}}$$

$$3\frac{4}{15} + 3\frac{1}{6} + \frac{2}{5} = \underline{\hspace{2cm}}$$

$$9\frac{4}{11} - 5\frac{3}{11} + 3\frac{1}{2} = \underline{\hspace{2cm}}$$

$$5\frac{3}{10} + 3\frac{7}{13} - 1\frac{4}{5} = \underline{\hspace{2cm}}$$

$$4\frac{1}{10} + 9\frac{8}{13} - 3\frac{1}{10} = \underline{\hspace{2cm}}$$

$$6\frac{10}{11} - 3\frac{3}{4} + 2\frac{6}{11} = \underline{\hspace{2cm}}$$

$$3\frac{7}{10} + 7\frac{1}{5} - 4\frac{7}{8} = \underline{\hspace{2cm}}$$

$$5\frac{3}{4} - 2\frac{5}{12} + 6\frac{3}{7} = \underline{\hspace{2cm}}$$

$$4\frac{3}{7} - 2\frac{3}{7} + 7\frac{1}{3} = \underline{\hspace{2cm}}$$

$$5\frac{10}{11} - 1\frac{4}{5} + 8\frac{3}{10} = \underline{\hspace{2cm}}$$

$$4\frac{5}{8} - 2\frac{5}{12} + 7\frac{7}{16} = \underline{\hspace{2cm}}$$

$$2\frac{9}{11} - 1\frac{9}{11} + 3\frac{5}{7} = \underline{\hspace{2cm}}$$

练习20

加减混合

$$\frac{1}{14} + \frac{3}{7} + \frac{4}{17} = \underline{\hspace{2cm}}$$

$$\frac{7}{9} - \frac{3}{5} + \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{5}{12} + \frac{1}{3} - \frac{1}{7} = \underline{\hspace{2cm}}$$

$$\frac{1}{6} + \frac{5}{19} + \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{5}{12} + \frac{5}{15} - \frac{4}{7} = \underline{\hspace{2cm}}$$

$$\frac{1}{20} + \frac{3}{5} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\frac{1}{4} + \frac{2}{5} - \frac{1}{12} = \underline{\hspace{2cm}}$$

$$\frac{1}{15} + \frac{9}{10} - \frac{11}{20} = \underline{\hspace{2cm}}$$

$$\frac{1}{8} + \frac{7}{8} - \frac{1}{7} = \underline{\hspace{2cm}}$$

$$3\frac{1}{12} + 5\frac{5}{14} - 2\frac{1}{3} = \underline{\hspace{2cm}}$$

$$12\frac{1}{3} - 6\frac{1}{7} - 3\frac{1}{12} = \underline{\hspace{2cm}}$$

$$2\frac{1}{11} + 3\frac{2}{11} + 5\frac{2}{3} = \underline{\hspace{2cm}}$$

分数乘法

$7 \times \frac{5}{6} = \underline{\hspace{2cm}}$

$11 \times \frac{11}{14} = \underline{\hspace{2cm}}$

$13 \times \frac{1}{12} = \underline{\hspace{2cm}}$

$2 \times \frac{5}{11} = \underline{\hspace{2cm}}$

$17 \times \frac{9}{16} = \underline{\hspace{2cm}}$

$2 \times \frac{11}{12} = \underline{\hspace{2cm}}$

$11 \times \frac{1}{22} = \underline{\hspace{2cm}}$

$15 \times \frac{7}{50} = \underline{\hspace{2cm}}$

$16 \times \frac{17}{56} = \underline{\hspace{2cm}}$

$7 \times \frac{1}{42} = \underline{\hspace{2cm}}$

$20 \times \frac{7}{30} = \underline{\hspace{2cm}}$

$14 \times \frac{47}{84} = \underline{\hspace{2cm}}$

$2 \times \frac{23}{34} = \underline{\hspace{2cm}}$

$9 \times \frac{37}{90} = \underline{\hspace{2cm}}$

$9 \times \frac{1}{12} = \underline{\hspace{2cm}}$

$2 \times \frac{9}{22} = \underline{\hspace{2cm}}$

$20 \times \frac{1}{6} = \underline{\hspace{2cm}}$

$16 \times \frac{3}{26} = \underline{\hspace{2cm}}$

练习 22

分数乘法

$1\frac{1}{10} \times 3 = \underline{\hspace{2cm}}$

$5\frac{3}{4} \times 3 = \underline{\hspace{2cm}}$

$2\frac{11}{20} \times 3 = \underline{\hspace{2cm}}$

$1\frac{3}{14} \times 5 = \underline{\hspace{2cm}}$

$1\frac{10}{17} \times 16 = \underline{\hspace{2cm}}$

$3\frac{14}{17} \times 8 = \underline{\hspace{2cm}}$

$1\frac{1}{14} \times 2 = \underline{\hspace{2cm}}$

$5\frac{19}{24} \times 8 = \underline{\hspace{2cm}}$

$2\frac{1}{6} \times 9 = \underline{\hspace{2cm}}$

$5\frac{7}{30} \times 6 = \underline{\hspace{2cm}}$

$1\frac{15}{22} \times 11 = \underline{\hspace{2cm}}$

$2\frac{4}{15} \times 6 = \underline{\hspace{2cm}}$

$1\frac{21}{25} \times 5 = \underline{\hspace{2cm}}$

$2\frac{1}{3} \times 18 = \underline{\hspace{2cm}}$

$12 \times 2\frac{19}{40} = \underline{\hspace{2cm}}$

$19 \times 1\frac{22}{95} = \underline{\hspace{2cm}}$

$5 \times 2\frac{9}{70} = \underline{\hspace{2cm}}$

$20 \times 1\frac{13}{50} = \underline{\hspace{2cm}}$

分数乘法

$$\frac{1}{9} \times \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{7}{15} \times \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{11}{13} \times \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{9}{23} \times \frac{1}{9} = \underline{\hspace{2cm}}$$

$$\frac{16}{41} \times \frac{1}{8} = \underline{\hspace{2cm}}$$

$$\frac{6}{7} \times \frac{1}{42} = \underline{\hspace{2cm}}$$

$$\frac{13}{27} \times \frac{1}{13} = \underline{\hspace{2cm}}$$

$$\frac{1}{4} \times \frac{8}{49} = \underline{\hspace{2cm}}$$

$$\frac{5}{8} \times \frac{19}{25} = \underline{\hspace{2cm}}$$

$$\frac{3}{26} \times \frac{2}{9} = \underline{\hspace{2cm}}$$

$$\frac{13}{28} \times \frac{2}{39} = \underline{\hspace{2cm}}$$

$$\frac{7}{24} \times \frac{2}{7} = \underline{\hspace{2cm}}$$

$$\frac{7}{44} \times \frac{11}{42} = \underline{\hspace{2cm}}$$

$$\frac{15}{22} \times \frac{2}{45} = \underline{\hspace{2cm}}$$

$$\frac{4}{17} \times \frac{17}{28} = \underline{\hspace{2cm}}$$

$$\frac{4}{35} \times \frac{5}{6} = \underline{\hspace{2cm}}$$

$$\frac{5}{39} \times \frac{3}{10} = \underline{\hspace{2cm}}$$

$$\frac{7}{9} \times \frac{3}{35} = \underline{\hspace{2cm}}$$

练习24

分数乘法

$$\frac{5}{14} \times 1\frac{3}{11} = \underline{\hspace{2cm}}$$

$$\frac{1}{6} \times 1\frac{1}{4} = \underline{\hspace{2cm}}$$

$$\frac{6}{7} \times 1\frac{1}{14} = \underline{\hspace{2cm}}$$

$$\frac{4}{13} \times 2\frac{1}{8} = \underline{\hspace{2cm}}$$

$$\frac{3}{16} \times 3\frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{1}{10} \times 2\frac{1}{5} = \underline{\hspace{2cm}}$$

$$\frac{15}{23} \times 1\frac{4}{15} = \underline{\hspace{2cm}}$$

$$\frac{5}{18} \times 2\frac{1}{10} = \underline{\hspace{2cm}}$$

$$\frac{1}{12} \times 1\frac{1}{11} = \underline{\hspace{2cm}}$$

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

$$4\frac{7}{12} \times 1\frac{5}{11} = \underline{\hspace{2cm}}$$

$$1\frac{1}{2} \times 1\frac{2}{9} = \underline{\hspace{2cm}}$$

$$1\frac{3}{4} \times 2\frac{1}{2} = \underline{\hspace{2cm}}$$

$$1\frac{1}{9} \times 1\frac{2}{5} = \underline{\hspace{2cm}}$$

$$1\frac{3}{10} \times 1\frac{1}{39} = \underline{\hspace{2cm}}$$

$$7\frac{1}{2} \times 1\frac{4}{15} = \underline{\hspace{2cm}}$$

$$2\frac{6}{7} \times 2\frac{1}{10} = \underline{\hspace{2cm}}$$

$$2\frac{1}{12} \times 1\frac{1}{11} = \underline{\hspace{2cm}}$$

分数乘法

$7 \times \frac{3}{4} = \underline{\hspace{2cm}}$

$7 \times \frac{11}{14} = \underline{\hspace{2cm}}$

$11 \times \frac{1}{12} = \underline{\hspace{2cm}}$

$1\frac{7}{25} \times 5 = \underline{\hspace{2cm}}$

$3\frac{1}{3} \times 15 = \underline{\hspace{2cm}}$

$12 \times 2\frac{3}{4} = \underline{\hspace{2cm}}$

$\frac{1}{9} \times \frac{1}{4} = \underline{\hspace{2cm}}$

$\frac{7}{12} \times \frac{1}{3} = \underline{\hspace{2cm}}$

$\frac{12}{13} \times \frac{1}{2} = \underline{\hspace{2cm}}$

$\frac{3}{16} \times \frac{2}{15} = \underline{\hspace{2cm}}$

$\frac{13}{25} \times \frac{5}{26} = \underline{\hspace{2cm}}$

$\frac{11}{26} \times \frac{2}{11} = \underline{\hspace{2cm}}$

$\frac{7}{15} \times 1\frac{4}{11} = \underline{\hspace{2cm}}$

$\frac{1}{7} \times 1\frac{1}{4} = \underline{\hspace{2cm}}$

$\frac{7}{9} \times 1\frac{1}{14} = \underline{\hspace{2cm}}$

$3\frac{1}{4} \times 2\frac{1}{2} = \underline{\hspace{2cm}}$

$1\frac{5}{9} \times 1\frac{2}{5} = \underline{\hspace{2cm}}$

$1\frac{7}{10} \times 1\frac{1}{34} = \underline{\hspace{2cm}}$

练习 26

分数除法

$$\frac{8}{15} \div 8 = \underline{\hspace{2cm}}$$

$$\frac{1}{7} \div 5 = \underline{\hspace{2cm}}$$

$$\frac{3}{5} \div 8 = \underline{\hspace{2cm}}$$

$$\frac{7}{18} \div 2 = \underline{\hspace{2cm}}$$

$$\frac{4}{9} \div 5 = \underline{\hspace{2cm}}$$

$$\frac{5}{19} \div 10 = \underline{\hspace{2cm}}$$

$$\frac{5}{7} \div 7 = \underline{\hspace{2cm}}$$

$$\frac{14}{15} \div 7 = \underline{\hspace{2cm}}$$

$$\frac{6}{7} \div 9 = \underline{\hspace{2cm}}$$

$$8 \div \frac{4}{5} = \underline{\hspace{2cm}}$$

$$5 \div \frac{1}{7} = \underline{\hspace{2cm}}$$

$$9 \div \frac{2}{5} = \underline{\hspace{2cm}}$$

$$12 \div \frac{3}{8} = \underline{\hspace{2cm}}$$

$$15 \div \frac{4}{9} = \underline{\hspace{2cm}}$$

$$10 \div \frac{5}{9} = \underline{\hspace{2cm}}$$

$$7 \div \frac{6}{7} = \underline{\hspace{2cm}}$$

$$11 \div \frac{11}{15} = \underline{\hspace{2cm}}$$

$$9 \div \frac{6}{11} = \underline{\hspace{2cm}}$$

分数除法

$6 \div \frac{15}{2} = \underline{\hspace{2cm}}$

$3 \div \frac{17}{5} = \underline{\hspace{2cm}}$

$6 \div \frac{13}{2} = \underline{\hspace{2cm}}$

$3 \div \frac{19}{6} = \underline{\hspace{2cm}}$

$4 \div \frac{17}{4} = \underline{\hspace{2cm}}$

$3 \div \frac{11}{2} = \underline{\hspace{2cm}}$

$4 \div \frac{15}{2} = \underline{\hspace{2cm}}$

$7 \div \frac{15}{2} = \underline{\hspace{2cm}}$

$4 \div \frac{19}{3} = \underline{\hspace{2cm}}$

$1\frac{1}{4} \div 6 = \underline{\hspace{2cm}}$

$2\frac{1}{5} \div 10 = \underline{\hspace{2cm}}$

$1\frac{1}{11} \div 12 = \underline{\hspace{2cm}}$

$1\frac{1}{3} \div 8 = \underline{\hspace{2cm}}$

$1\frac{3}{11} \div 2 = \underline{\hspace{2cm}}$

$1\frac{6}{11} \div 2 = \underline{\hspace{2cm}}$

$1\frac{2}{13} \div 15 = \underline{\hspace{2cm}}$

$2\frac{2}{11} \div 18 = \underline{\hspace{2cm}}$

$1\frac{10}{13} \div 3 = \underline{\hspace{2cm}}$

练习 28

分数除法

$$\frac{5}{14} \div \frac{11}{14} = \underline{\hspace{2cm}}$$

$$\frac{7}{24} \div \frac{14}{17} = \underline{\hspace{2cm}}$$

$$\frac{1}{6} \div \frac{4}{5} = \underline{\hspace{2cm}}$$

$$\frac{6}{7} \div \frac{14}{15} = \underline{\hspace{2cm}}$$

$$\frac{2}{17} \div \frac{1}{6} = \underline{\hspace{2cm}}$$

$$\frac{1}{22} \div \frac{1}{12} = \underline{\hspace{2cm}}$$

$$\frac{4}{13} \div \frac{8}{17} = \underline{\hspace{2cm}}$$

$$\frac{3}{16} \div \frac{3}{11} = \underline{\hspace{2cm}}$$

$$\frac{1}{6} \div \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{1}{10} \div \frac{5}{11} = \underline{\hspace{2cm}}$$

$$\frac{5}{24} \div \frac{1}{4} = \underline{\hspace{2cm}}$$

$$\frac{1}{18} \div \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{1}{14} \div \frac{1}{6} = \underline{\hspace{2cm}}$$

$$\frac{1}{2} \div \frac{11}{17} = \underline{\hspace{2cm}}$$

$$\frac{9}{17} \div \frac{9}{16} = \underline{\hspace{2cm}}$$

$$\frac{2}{9} \div \frac{4}{7} = \underline{\hspace{2cm}}$$

$$\frac{1}{15} \div \frac{13}{15} = \underline{\hspace{2cm}}$$

$$\frac{17}{23} \div \frac{17}{22} = \underline{\hspace{2cm}}$$

带分数加法

$$\frac{17}{25} \div 1\frac{3}{14} = \underline{\hspace{2cm}}$$

$$\frac{11}{15} \div 1\frac{3}{8} = \underline{\hspace{2cm}}$$

$$\frac{13}{17} \div 2\frac{8}{9} = \underline{\hspace{2cm}}$$

$$\frac{16}{37} \div 1\frac{1}{7} = \underline{\hspace{2cm}}$$

$$\frac{19}{26} \div 1\frac{1}{13} = \underline{\hspace{2cm}}$$

$$\frac{1}{10} \div 1\frac{19}{20} = \underline{\hspace{2cm}}$$

$$\frac{8}{9} \div 2\frac{14}{15} = \underline{\hspace{2cm}}$$

$$\frac{9}{11} \div 2\frac{10}{13} = \underline{\hspace{2cm}}$$

$$\frac{11}{16} \div 2\frac{7}{13} = \underline{\hspace{2cm}}$$

$$2\frac{3}{7} \div 3\frac{3}{7} = \underline{\hspace{2cm}}$$

$$1\frac{4}{13} \div 1\frac{6}{11} = \underline{\hspace{2cm}}$$

$$1\frac{3}{10} \div 1\frac{7}{15} = \underline{\hspace{2cm}}$$

$$1\frac{12}{13} \div 6\frac{1}{4} = \underline{\hspace{2cm}}$$

$$2\frac{1}{6} \div 2\frac{4}{9} = \underline{\hspace{2cm}}$$

$$2\frac{5}{6} \div 6\frac{1}{3} = \underline{\hspace{2cm}}$$

$$3\frac{1}{2} \div 4\frac{1}{3} = \underline{\hspace{2cm}}$$

$$1\frac{6}{7} \div 2\frac{2}{7} = \underline{\hspace{2cm}}$$

$$2\frac{2}{3} \div 2\frac{5}{6} = \underline{\hspace{2cm}}$$

练习30

分数除法

$$\frac{5}{8} \div 5 = \underline{\hspace{2cm}}$$

$$\frac{12}{13} \div 2 = \underline{\hspace{2cm}}$$

$$\frac{2}{5} \div 9 = \underline{\hspace{2cm}}$$

$$12 \div \frac{4}{5} = \underline{\hspace{2cm}}$$

$$12 \div 7\frac{1}{2} = \underline{\hspace{2cm}}$$

$$4 \div 2\frac{2}{3} = \underline{\hspace{2cm}}$$

$$2\frac{1}{5} \div 6 = \underline{\hspace{2cm}}$$

$$3\frac{3}{5} \div 10 = \underline{\hspace{2cm}}$$

$$2\frac{2}{11} \div 12 = \underline{\hspace{2cm}}$$

$$\frac{4}{11} \div \frac{8}{13} = \underline{\hspace{2cm}}$$

$$\frac{2}{13} \div \frac{2}{11} = \underline{\hspace{2cm}}$$

$$\frac{1}{16} \div \frac{1}{6} = \underline{\hspace{2cm}}$$

$$\frac{4}{5} \div 3\frac{3}{7} = \underline{\hspace{2cm}}$$

$$\frac{5}{8} \div 7\frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{2}{19} \div 1\frac{7}{38} = \underline{\hspace{2cm}}$$

$$3\frac{4}{7} \div 2\frac{5}{7} = \underline{\hspace{2cm}}$$

$$1\frac{7}{12} \div 1\frac{7}{12} = \underline{\hspace{2cm}}$$

$$2\frac{1}{10} \div 7\frac{7}{20} = \underline{\hspace{2cm}}$$

参考答案

练习 1:

$\frac{57}{100}$	$\frac{4}{5}$	$\frac{31}{50}$
$\frac{69}{100}$	$\frac{83}{100}$	$\frac{11}{20}$
$\frac{39}{50}$	$\frac{9}{100}$	$\frac{33}{50}$
$\frac{1}{10}$	$\frac{23}{25}$	$\frac{16}{25}$
$\frac{39}{100}$	$\frac{19}{50}$	$\frac{3}{4}$
$\frac{27}{50}$	$\frac{89}{100}$	$\frac{1}{25}$

练习 2:

$\frac{29}{100}$	$\frac{13}{50}$	$\frac{2}{25}$
$\frac{1}{100}$	$\frac{91}{100}$	$\frac{79}{100}$
$\frac{12}{25}$	$\frac{37}{100}$	$\frac{33}{100}$
$\frac{22}{25}$	$\frac{3}{50}$	$\frac{1}{4}$
$\frac{49}{50}$	$\frac{59}{100}$	$\frac{11}{50}$
$\frac{29}{50}$	$\frac{11}{25}$	$\frac{3}{20}$

练习 3:

0.1	0.4	0.75
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0.5	0.375	0.8
0.05	0.6	0.25
0.3	0.625	0.55
0.04	0.23	0.7
0.65	0.37	0.9

练习 4:

0.85	0.26	0.03
0.08	0.46	0.07
0.95	0.06	0.28
0.39	0.66	0.45
0.11	0.15	0.32
0.34	0.97	0.36

练习 5:

$\frac{7}{25}$	$\frac{6}{25}$	$\frac{21}{100}$
0.35	0.38	0.43
$\frac{23}{50}$	$\frac{43}{50}$	$\frac{7}{50}$
0.48	0.86	0.73
$\frac{24}{25}$	$\frac{97}{100}$	$\frac{87}{100}$
0.17	0.033	0.68

练习 6:

$\frac{10}{11}$	$\frac{8}{7}$	$\frac{14}{11}$
$\frac{7}{13}$	$\frac{5}{3}$	$\frac{6}{5}$
$\frac{4}{5}$	$\frac{1}{2}$	$\frac{6}{7}$
$\frac{3}{7}$	$\frac{9}{7}$	$\frac{17}{11}$
$\frac{3}{8}$	$\frac{5}{3}$	$\frac{9}{7}$
$\frac{2}{3}$	$\frac{8}{7}$	$\frac{4}{9}$

练习 7:

$\frac{2}{7}$	$\frac{3}{11}$	$\frac{1}{9}$
$\frac{4}{9}$	$\frac{1}{11}$	$\frac{1}{7}$
$\frac{1}{5}$	$\frac{6}{11}$	$\frac{1}{7}$
$\frac{1}{6}$	$\frac{7}{9}$	$\frac{5}{11}$
$\frac{8}{15}$	$\frac{2}{11}$	$\frac{2}{5}$
$\frac{2}{9}$	$\frac{1}{5}$	$\frac{2}{7}$

练习 8:

$\frac{17}{12}$	$\frac{3}{8}$	$\frac{13}{14}$
$\frac{7}{10}$	$\frac{9}{16}$	$\frac{7}{12}$
$\frac{17}{16}$	$\frac{7}{8}$	$\frac{11}{14}$

$\frac{11}{15}$	$\frac{17}{14}$	$\frac{2}{3}$
$\frac{15}{16}$	$\frac{17}{12}$	$\frac{13}{15}$
$\frac{8}{9}$	$\frac{13}{10}$	$\frac{13}{12}$

练习 9:

$\frac{1}{8}$	$\frac{3}{10}$	$\frac{1}{10}$
$\frac{1}{8}$	$\frac{2}{9}$	$\frac{5}{9}$
$\frac{3}{20}$	$\frac{1}{4}$	$\frac{1}{2}$
$\frac{1}{15}$	$\frac{33}{80}$	$\frac{1}{15}$
$\frac{13}{20}$	$\frac{11}{20}$	$\frac{1}{6}$
$\frac{13}{20}$	$\frac{17}{20}$	$\frac{2}{15}$

练习 10:

$\frac{10}{9}$	$\frac{4}{7}$	$\frac{11}{13}$
$\frac{1}{5}$	$\frac{1}{3}$	$\frac{7}{13}$
$\frac{11}{9}$	$\frac{8}{5}$	$\frac{19}{16}$
$\frac{5}{8}$	$\frac{1}{4}$	$\frac{1}{16}$
$\frac{11}{12}$	$\frac{7}{6}$	$\frac{3}{5}$
$\frac{8}{15}$	$\frac{7}{20}$	$\frac{3}{10}$

练习 11:

$14\frac{6}{7}$	$16\frac{7}{11}$	$5\frac{4}{9}$
$25\frac{3}{7}$	$7\frac{8}{13}$	$15\frac{3}{5}$
$11\frac{10}{13}$	$22\frac{10}{11}$	$20\frac{5}{7}$
$17\frac{5}{6}$	$10\frac{7}{10}$	$12\frac{9}{11}$
$14\frac{2}{11}$	$12\frac{1}{8}$	7
$9\frac{1}{5}$	15	$6\frac{1}{3}$

练习 12:

$4\frac{2}{9}$	$10\frac{2}{7}$	$3\frac{1}{2}$
$2\frac{2}{3}$	$16\frac{1}{2}$	$\frac{1}{13}$
8	$5\frac{1}{11}$	$9\frac{1}{2}$
$\frac{5}{9}$	$16\frac{1}{8}$	$4\frac{1}{4}$
$4\frac{1}{3}$	$3\frac{4}{7}$	$20\frac{4}{9}$
10	$\frac{2}{3}$	$7\frac{4}{9}$

练习 13:

$9\frac{13}{16}$	$10\frac{5}{6}$	$8\frac{4}{15}$
$8\frac{17}{18}$	$10\frac{9}{14}$	$3\frac{4}{5}$

$6\frac{14}{15}$	$8\frac{5}{12}$	$7\frac{19}{22}$
$14\frac{19}{30}$	$11\frac{5}{12}$	$7\frac{14}{15}$
$11\frac{1}{4}$	$16\frac{3}{16}$	$6\frac{8}{15}$
$15\frac{1}{4}$	$8\frac{1}{3}$	$24\frac{31}{48}$

练习 14:

$6\frac{7}{16}$	$10\frac{7}{18}$	$7\frac{1}{15}$
$5\frac{11}{18}$	$4\frac{5}{14}$	$1\frac{1}{3}$
$8\frac{11}{15}$	$8\frac{1}{15}$	$5\frac{1}{33}$
$50\frac{14}{15}$	$4\frac{17}{20}$	$\frac{5}{6}$
$3\frac{17}{20}$	$4\frac{3}{4}$	$3\frac{9}{10}$
$4\frac{14}{15}$	$2\frac{47}{80}$	$2\frac{14}{15}$

练习 15:

$10\frac{5}{6}$	$23\frac{4}{5}$	$9\frac{10}{11}$
0	$5\frac{1}{5}$	$10\frac{3}{13}$
$10\frac{17}{18}$	$12\frac{9}{14}$	$13\frac{5}{12}$
$3\frac{1}{3}$	$2\frac{1}{15}$	$20\frac{17}{20}$
$11\frac{1}{5}$	$11\frac{1}{3}$	$14\frac{31}{48}$
$\frac{2}{3}$	$13\frac{14}{15}$	$6\frac{14}{15}$

练习 16:

$\frac{17}{33}$	$\frac{2}{33}$	$\frac{2}{7}$
$\frac{29}{36}$	$\frac{5}{8}$	$\frac{11}{14}$
$\frac{3}{17}$	$\frac{9}{11}$	$\frac{1}{10}$
$\frac{17}{45}$	$\frac{1}{14}$	$\frac{34}{35}$
$\frac{25}{33}$	$\frac{5}{12}$	$\frac{32}{45}$

练习 17:

$\frac{11}{18}$	$\frac{1}{7}$	$\frac{2}{13}$
$\frac{7}{22}$	$\frac{1}{9}$	$\frac{22}{45}$
$\frac{47}{42}$	$\frac{41}{42}$	$\frac{1}{16}$
$\frac{25}{44}$	$\frac{13}{44}$	$\frac{1}{15}$
$\frac{3}{20}$	$\frac{17}{20}$	$\frac{35}{36}$

练习 18:

$4\frac{1}{10}$	$16\frac{27}{28}$	$13\frac{19}{28}$
$6\frac{1}{36}$	$11\frac{33}{34}$	$14\frac{29}{30}$
$7\frac{9}{35}$	$10\frac{41}{42}$	$7\frac{1}{5}$
$8\frac{4}{7}$	$9\frac{1}{11}$	$11\frac{3}{40}$

练习 19:

$3\frac{25}{44}$	$6\frac{5}{6}$	$7\frac{13}{22}$
$7\frac{1}{26}$	$10\frac{8}{13}$	$5\frac{31}{44}$
$6\frac{1}{40}$	$9\frac{16}{21}$	$9\frac{1}{3}$
$12\frac{9}{22}$	$9\frac{31}{48}$	$4\frac{5}{7}$

练习 20:

$\frac{25}{34}$	$\frac{23}{45}$	$\frac{17}{28}$
$\frac{29}{38}$	$\frac{5}{28}$	$\frac{9}{10}$
$\frac{17}{30}$	$\frac{5}{12}$	$\frac{6}{7}$
$6\frac{3}{28}$	$3\frac{3}{28}$	$10\frac{31}{33}$

练习 21:

$\frac{35}{6}$	$\frac{121}{14}$	$\frac{13}{12}$
$\frac{10}{11}$	$\frac{153}{16}$	$\frac{11}{6}$
$\frac{1}{2}$	$\frac{21}{10}$	$\frac{34}{7}$
$\frac{1}{6}$	$\frac{14}{3}$	$\frac{47}{6}$
$\frac{23}{17}$	$\frac{37}{10}$	$\frac{3}{4}$
$\frac{9}{11}$	$\frac{10}{3}$	$\frac{24}{13}$

练习 22:

$\frac{33}{10}$

$\frac{69}{4}$

$\frac{153}{20}$

$\frac{85}{14}$

$\frac{432}{17}$

$\frac{520}{17}$

$\frac{15}{7}$

$\frac{139}{3}$

$\frac{39}{2}$

$\frac{157}{5}$

$\frac{37}{2}$

$\frac{68}{5}$

$\frac{46}{5}$

42

$\frac{297}{10}$

$\frac{117}{5}$

$\frac{149}{14}$

$\frac{126}{5}$

练习 23:

$\frac{1}{18}$

$\frac{7}{45}$

$\frac{11}{26}$

$\frac{1}{23}$

$\frac{2}{41}$

$\frac{1}{49}$

$\frac{1}{27}$

$\frac{2}{49}$

$\frac{19}{40}$

$\frac{1}{39}$

$\frac{1}{42}$

$\frac{1}{12}$

$\frac{1}{24}$

$\frac{1}{33}$

$\frac{1}{7}$

$\frac{2}{21}$

$\frac{1}{26}$

$\frac{1}{15}$

练习 24:

$\frac{5}{11}$

$\frac{5}{24}$

$\frac{45}{49}$

$\frac{17}{26}$

$\frac{11}{16}$

$\frac{11}{50}$

$\frac{19}{23}$

$\frac{7}{12}$

$\frac{1}{11}$

2

$\frac{20}{3}$

$\frac{11}{6}$

$\frac{35}{8}$

$\frac{14}{9}$

$\frac{4}{3}$

$\frac{19}{2}$

6

$\frac{25}{11}$

练习 25:

$\frac{21}{4}$

$\frac{11}{2}$

$\frac{11}{12}$

$\frac{32}{5}$

50

33

$\frac{1}{36}$

$\frac{7}{36}$

$\frac{6}{13}$

$\frac{1}{40}$

$\frac{1}{10}$

$\frac{1}{13}$

$\frac{7}{11}$

$\frac{5}{28}$

$\frac{5}{6}$

$\frac{65}{8}$

$\frac{98}{45}$

$\frac{7}{4}$

练习 26:

$\frac{1}{15}$

$\frac{1}{35}$

$\frac{3}{40}$

$\frac{7}{36}$

$\frac{4}{45}$

$\frac{1}{38}$

$\frac{5}{49}$

$\frac{2}{15}$

$\frac{2}{21}$

10

35

$\frac{45}{2}$

32

$\frac{135}{4}$

18

$\frac{49}{6}$

15

$\frac{33}{2}$

练习 27:

$\frac{4}{5}$	$\frac{15}{17}$	$\frac{12}{13}$
$\frac{18}{19}$	$\frac{16}{17}$	$\frac{6}{11}$
$\frac{8}{15}$	$\frac{14}{15}$	$\frac{12}{19}$
$\frac{5}{24}$	$\frac{11}{50}$	$\frac{1}{11}$
$\frac{1}{6}$	$\frac{7}{11}$	$\frac{17}{22}$
$\frac{1}{13}$	$\frac{4}{33}$	$\frac{23}{39}$

练习 28:

$\frac{5}{11}$	$\frac{17}{48}$	$\frac{5}{24}$
$\frac{45}{49}$	$\frac{12}{17}$	$\frac{6}{11}$
$\frac{17}{26}$	$\frac{11}{16}$	$\frac{1}{3}$
$\frac{11}{50}$	$\frac{5}{6}$	$\frac{1}{9}$
$\frac{3}{7}$	$\frac{17}{22}$	$\frac{16}{17}$
$\frac{7}{18}$	$\frac{1}{13}$	$\frac{22}{23}$

练习 29:

$\frac{14}{25}$	$\frac{8}{15}$	$\frac{9}{34}$
$\frac{14}{37}$	$\frac{19}{28}$	$\frac{2}{39}$

$\frac{10}{33}$	$\frac{13}{44}$	$\frac{13}{48}$
$\frac{17}{24}$	$\frac{11}{13}$	$\frac{39}{44}$
$\frac{4}{13}$	$\frac{39}{44}$	$\frac{17}{38}$
$\frac{21}{26}$	$\frac{13}{16}$	$\frac{16}{17}$

练习 30:

$\frac{1}{8}$	$\frac{6}{13}$	$\frac{2}{45}$
15	$\frac{8}{5}$	$\frac{3}{2}$
$\frac{11}{30}$	$\frac{9}{25}$	$\frac{2}{11}$
$\frac{13}{22}$	$\frac{11}{13}$	$\frac{3}{8}$
$\frac{7}{30}$	$\frac{1}{12}$	$\frac{4}{45}$
$\frac{25}{19}$	1	$\frac{2}{7}$