

根据九年义务教育最新教学大纲编写
GEN JU JIU NIAN YI WU JIAO YU ZUI XIN JIAO XUE DA GANG BIAN XIE

海淀
最新修订版

北京特教编写组 编写

口算速算心算巧算

· 提高运算能力 · 强化口算速度

六年级 下册

数学

远方出版社



序

责任编辑:胡丽娟
封面设计:宋双成

口算在日常生活应用中应用很广泛,它是发展学生心智技能的主要途径之一。

经一线数学老师实践证明,学生通过每日在一定时间限制内适度的口算、速算、巧算训练,能发展学生良好的数感,提高学生计算、简算能力,同时还培养学生运算思维的敏捷性。

本书作者来自有丰富教学经验的一线教师。题目选择科学、实用,符合学生各年龄段的认知,有一定的层次性,是老师、学生、家长训练口算的得力工具。

主编 伍春兰

北京教育学院数学系副教授

口算、速算与心算、巧算(六年级下册)

编者	北京特教编写组
出版	远方出版社
社址	呼和浩特市乌兰察布东路666号
邮编	010010
发行	新华书店
印刷	内蒙古恩科赛美好彩色印刷公司
版次	2006年12月第2版
印次	2006年12月第1次印刷
开本	787×1092 1/16
印张	24
字数	200千字
标准书号	ISBN 7-80723-173-4/G·105
定价	(全六册)34.80元

远方版图书,版权所有,侵权必究。

远方版图书,印装错误请与印刷厂退换。

课程表

	星期一	星期二	星期三	星期四	星期五
上午					
下午					

每日一练

姓名_____

学校_____班_____

决口决来算迟吗

[illegible]

- | | | | | | |
|--|--------------------------------------|---------------------------------------|---|---------------------------------------|---------------------------------------|
| ① $\frac{1}{2} \div 3 =$ | ⑫ $4 \div \frac{2}{5} =$ | ⑮ $5 \div 1\frac{2}{3} =$ | ⑱ $\frac{5}{6} \div \frac{1}{3} =$ | ⑳ $1\frac{1}{9} \times 8 =$ | ㉓ $1\frac{2}{7} \times \frac{7}{9} =$ |
| ② $1\frac{5}{6} - \frac{1}{6} =$ | ⑬ $7 \times \frac{5}{9} =$ | ⑯ $\frac{3}{8} \times 24 =$ | ㉒ $\frac{11}{25} \times \frac{5}{22} =$ | ㉔ $1 - \frac{7}{19} =$ | ㉕ $\frac{4}{5} \div 0.2 =$ |
| ③ $4 \div \frac{1}{3} =$ | ⑭ $\frac{1}{2} + \frac{2}{5} =$ | ㉑ $1 \div \frac{3}{4} =$ | ㉓ $16 \times \frac{1}{4} =$ | ㉕ $1\frac{1}{2} \times \frac{2}{3} =$ | ㉖ $1.8 \div 5.4 =$ |
| ④ $1.2 \div \frac{3}{5} =$ | ⑮ $\frac{1}{3} - \frac{1}{3} =$ | ㉔ $\frac{5}{6} - \frac{4}{9} =$ | ㉕ $1 - \frac{1}{8} =$ | ㉖ $4.8 \div 0.8 =$ | ㉗ $5 \div 6 =$ |
| ⑤ $\frac{3}{5} \times \frac{1}{2} =$ | ⑯ $\frac{7}{12} - \frac{3}{12} =$ | ㉕ $2.4 \times \frac{1}{3} =$ | ㉖ $\frac{4}{5} \div \frac{1}{10} =$ | ㉗ $5 \times 2\frac{2}{5} =$ | ㉘ $7 \div 2.1 =$ |
| ⑥ $1.25 \times 8 =$ | ⑰ $\frac{1}{4} + 3 + \frac{3}{4} =$ | ㉖ $1.8 \times \frac{1}{3} =$ | ㉗ $2\frac{1}{2} + \frac{1}{2} =$ | ㉘ $\frac{1}{3} \div 1\frac{1}{6} =$ | ㉙ $3 \div 2\frac{1}{2} =$ |
| ⑦ $1\frac{1}{3} \times \frac{3}{10} =$ | ⑱ $\frac{1}{5} - 3 =$ | ㉗ $3 \times \frac{1}{3} =$ | ㉘ $8 - 2.3 =$ | ㉙ $\frac{4}{5} \div \frac{3}{5} =$ | ㉚ $4 - 3\frac{2}{5} =$ |
| ⑧ $\frac{6}{7} \div 9 =$ | ㉒ $4 + \frac{5}{9} =$ | ㉘ $\frac{2}{5} \div \frac{3}{5} =$ | ㉙ $1 + \frac{3}{5} =$ | ㉚ $\frac{1}{9} \div \frac{1}{3} =$ | ㉛ $1\frac{3}{4} \times \frac{2}{7} =$ |
| ⑨ $1\frac{1}{3} \times 9 =$ | ㉓ $\frac{1}{4} \times 8 =$ | ㉙ $3\frac{1}{4} + 6 =$ | ㉚ $\frac{1}{6} + \frac{1}{3} =$ | ㉛ $4\frac{5}{7} - 2\frac{1}{7} =$ | ㉜ $2 \times \frac{7}{10} =$ |
| ⑩ $\frac{1}{5} + \frac{2}{3} =$ | ㉔ $\frac{3}{5} \times \frac{1}{2} =$ | ㉚ $1 \div \frac{3}{5} =$ | ㉛ $\frac{2}{5} \times 20 =$ | ㉜ $1\frac{7}{8} + 0.125 =$ | ㉝ $8.4 \div 0.7 =$ |
| ⑪ $1 - \frac{3}{8} =$ | ㉕ $5 \times \frac{7}{10} =$ | ㉛ $\frac{4}{5} \times \frac{5}{12} =$ | ㉜ $\frac{3}{8} \div 2 =$ | ㉝ $1\frac{1}{5} - 0.2 =$ | ㉞ $0.6 - \frac{2}{5} =$ |

① $\frac{4}{9} \times 8.1 =$

⑫ $5\frac{1}{4} - 3 =$

⑬ $\frac{1}{2} \div \frac{7}{8} =$

⑮ $42 \div 3 =$

⑰ $100 - 54 =$

⑲ $80 \div 7 =$

② $4.5 - \frac{2}{3} =$

⑬ $\frac{3}{4} \times \frac{1}{2} =$

⑭ $1\frac{4}{5} \times \frac{5}{6} =$

⑯ $78 - 23 =$

⑰ $25 \times 300 =$

⑲ $6.5 + 5.4 =$

③ $1\frac{1}{2} \times 0.8 =$

⑭ $\frac{3}{5} \div 0.6 =$

⑮ $4\frac{2}{3} \times 1\frac{1}{14} =$

⑯ $467 + 198 =$

⑰ $100 - 54 =$

⑲ $5.04 - 4.1 =$

④ $0 \div 5\frac{4}{7} =$

⑮ $1 + 0.2 =$

⑯ $68 - 18 =$

⑰ $60 \times 1.5 =$

⑱ $60 \times 1.5 =$

⑲ $56 \div 14 =$

⑤ $1.25 \times 8 =$

⑯ $\frac{3}{4} \div 0.75 =$

⑰ $586 - 397 =$

⑱ $210 + 425 =$

⑲ $25 \times 0.04 =$

⑲ $9600 \div 120 =$

⑥ $1.2 \div \frac{3}{5} =$

⑰ $0.8 - \frac{1}{2} =$

⑱ $728 - 195 =$

⑲ $871 - 303 =$

⑲ $330 \times 70 =$

⑲ $8.03 + 1.7 =$

⑦ $\frac{3}{4} + 1.25 =$

⑱ $0.875 \div \frac{7}{8} =$

⑲ $200 \div 10 =$

⑲ $75 \div 15 =$

⑲ $2.5 \times 40 =$

⑲ $2.05 - 0.95 =$

⑧ $\frac{4}{7} + \frac{3}{7} =$

⑲ $5\frac{5}{7} \times 7 =$

⑲ $32 \times 4 =$

⑲ $72 \div 4 =$

⑲ $3.5 \times 3 =$

⑲ $1.5 \times 0.2 =$

⑨ $10 - \frac{3}{8} =$

⑲ $3 \div \frac{6}{7} =$

⑲ $51 \times 200 =$

⑲ $25 \times 300 =$

⑲ $3.8 \times 0.3 =$

⑲ $7 + 2.7 =$

⑩ $\frac{3}{4} \times 16 =$

⑲ $\frac{7}{24} \times \frac{4}{7} =$

⑲ $14 \times 3 =$

⑲ $28 \times 20 =$

⑲ $93 \div 31 =$

⑲ $4.2 \div 7 =$

⑪ $1.75 + \frac{1}{4} =$

⑲ $\frac{6}{7} \div \frac{6}{7} =$

⑲ $130 \times 70 =$

⑲ $132 \times 7 =$

⑲ $81 \div 27 =$

⑲ $2.6 \div 2 =$

将下列“成数”改为

百分数

①九成()

②四成三()

③十成()

④六成三()

⑤五成五()

⑥三成()

⑦六成()

⑧八成五()

⑨四成五()

⑩七成()

⑪二成()

⑫九成八()

⑬五成()

⑭七成五()

⑮八成四()

⑯一成五()

⑰九成四()

⑱四成()

⑲九成五()

⑳八成九()

㉑二成五()

㉒四成七()

㉓八成()

㉔六成五()

㉕三成()

㉖七成八()

㉗四成()

㉘七成六()

㉙八成二()

㉚三成五()

㉛一成四()

㉜五成()

㉝六成五()

㉞七成九()

㉟三成五()

㊱二成七()

㊲九成()

㊳四成五()

㊴九成()

㊵九成五()

㊶六成()

把下列百分数改成

“成数”

①37%()

②92%()

③68%()

④80%()

⑤38%()

⑥50%()

⑦66%()

⑧35%()

⑨57%()

⑩95%()

⑪25%()

⑫12%()

⑬85%()

⑭90%()

⑮70%()

⑯69%()

⑰79%()

⑱75%()

⑲30%()

⑳20%()

㉑18%()

㉒58%()

㉓45%()

㉔40%()

㉕34%()

㉖60%()

㉗55%()

㉘22%()

㉙82%()

㉚75%()

㉛38%()

㉜88%()

㉝23%()

㉞25%()

㉟49%()

㊱41%()

㊲89%()

㊳47%()

㊴46%()

㊵52%()

㊶40%()

① $\frac{18}{25} \times 0.5 =$

⑫ $63 \times \frac{2}{9} =$

⑬ $\frac{5}{6} \times \frac{2}{5} =$

⑭ $1\frac{1}{2} + \frac{3}{5} =$

⑮ $1\frac{1}{4} + 0.25 =$

② $\frac{4}{5} \div \frac{1}{10} =$

⑬ $12 \times \frac{1}{3} =$

⑭ $\frac{4}{7} \div \frac{4}{5} =$

⑮ $1\frac{1}{2} \div \frac{2}{3} =$

⑯ $\frac{1}{2} \div 7 =$

③ $\frac{9}{11} \times 22 =$

⑭ $3 \times \frac{1}{3} =$

⑮ $\frac{7}{10} \times 5 =$

⑯ $1 \div 2\frac{2}{5} =$

⑰ $\frac{1}{2} \div 1\frac{1}{4} =$

④ $\frac{3}{4} \div \frac{3}{8} =$

⑮ $2.4 \times \frac{1}{3} =$

⑯ $5.6 \times \frac{1}{8} =$

⑰ $4 - 1\frac{3}{8} =$

⑱ $\frac{3}{5} \times \frac{5}{8} =$

⑤ $\frac{5}{8} + 0.375 =$

⑯ $1.8 \times \frac{1}{3} =$

⑰ $7.2 \times \frac{1}{6} =$

⑱ $30 \div \frac{5}{7} =$

⑲ $\frac{7}{8} \div 1\frac{4}{5} =$

⑥ $\frac{5}{6} \times 4 =$

⑰ $\frac{2}{3} \times 12 =$

⑱ $1\frac{7}{8} - 1.25 =$

⑲ $4\frac{3}{4} - 3\frac{1}{4} =$

⑳ $\frac{7}{8} - 1.25 =$

⑦ $\frac{4}{5} - \frac{3}{5} =$

⑱ $1\frac{1}{2} + 3.5 =$

⑲ $28 \times 1\frac{2}{7} =$

㉑ $\frac{11}{50} + 0.2 =$

㉒ $47 \times 1\frac{2}{7} =$

⑧ $6 \times \frac{2}{3} =$

⑱ $0.25 + \frac{3}{4} =$

㉓ $\frac{13}{28} \times 14 =$

㉔ $4 - 1\frac{2}{3} =$

㉕ $\frac{15}{28} \times 14 =$

⑨ $1.4 - \frac{1}{5} =$

㉔ $\frac{1}{3} \times \frac{3}{4} =$

㉕ $1\frac{2}{5} \div \frac{5}{7} =$

㉖ $\frac{15}{16} \div \frac{3}{4} =$

㉖ $\frac{2}{5} \div \frac{5}{7} =$

⑩ $\frac{7}{9} \times \frac{6}{7} =$

㉕ $\frac{1}{25} - 0.04 =$

㉖ $\frac{3}{4} \div \frac{3}{5} =$

㉗ $5 \times \frac{7}{10} =$

㉗ $\frac{3}{8} \div \frac{3}{5} =$

⑪ $2.4 + \frac{2}{5} =$

㉖ $0.35 + \frac{7}{20} =$

㉘ $2\frac{1}{12} \times 3 =$

㉘ $2.7 \times \frac{1}{3} =$

㉘ $\frac{1}{12} \times 3 =$

㉙ $12\frac{6}{7} \div 10 =$

① $5:3=$

② $3:\frac{8}{9}=$

③ $10:8=$

④ $0.6:0.2=$

⑤ $16:12=$

⑥ $0.25:\frac{1}{8}=$

⑦ $\frac{1}{6}:\frac{1}{9}=$

⑧ $3:05=$

⑨ $3:2=$

⑩ $56:7=$

⑪ $45:72=$

⑫ $8:5=$

⑬ $\frac{17}{12}=$

⑭ $0.3:0.4=$

⑮ $\frac{1}{3}:\frac{1}{4}=$

⑯ $\frac{1}{5}:1=$

⑰ $\frac{5}{7}:\frac{2}{7}=$

⑱ $2:8=$

⑲ $4:\frac{2}{5}=$

⑳ $\frac{1}{2}:3=$

㉑ $\frac{2}{3}:\frac{1}{6}=$

㉒ $\frac{2}{9}:4=$

㉓ $\frac{5}{6}:\frac{52}{26}=$

㉔ $\frac{1}{8}:\frac{1}{10}=$

㉕ $\frac{1}{4}:3=$

㉖ $\frac{3}{4}:\frac{1}{16}=$

㉗ $40:25=$

㉘ $36:54=$

㉙ $1.6:2.5=$

㉚ $\frac{3}{8}:\frac{9}{10}=$

㉛ $1.6:4=$

㉜ $\frac{3}{10}:6=$

㉝ $3:4=$

㉞ $10:6=$

㉟ $0.7:0.1=$

㊱ $1.2:2.1=$

㊲ $\frac{3}{4}:1\frac{1}{8}=$

① $\frac{7}{8}:14=$

② $2:100=$

③ $\frac{1}{5}:200=$

④ $1.25:2=$

⑤ $1:\frac{4}{5}=$

⑥ $\frac{3}{8}:15=$

⑦ $2\frac{1}{2}:5\frac{1}{2}=$

⑧ $5:2=$

⑨ $14:8=$

⑩ $2:9=$

⑪ $2:3=$

⑫ $3:2=$

⑬ $4.5:0.3=$

⑭ $\frac{36}{15}=$

⑮ $\frac{5}{8}:\frac{1}{4}=$

⑯ $0.1:0.9=$

⑰ $4:8=$

⑱ $12:16=$

⑲ $4.5:27=$

㉑ $2:6=$

㉒ $7:14=$

㉓ $0.125:1.25=$

㉔ $\frac{2}{3}:\frac{3}{4}=$

㉕ $1.8:9=$

㉖ $0.35:7=$

㉗ $\frac{3}{5}:3=$

㉘ $1.3:6=$

㉙ $\frac{1}{3}:\frac{1}{4}=$

㉚ $42:63=$

㉛ $0.3:0.9=$

㉜ $2:3=$

㉝ $2.5:3=$

㉞ $6:8=$

㉟ $\frac{1}{2}:\frac{1}{5}=$

㊱ $12:14=$

㊲ $0.3:0.9=$

㊳ $1.4:0.2=$

㊴ $3:8=$

㊵ $36:27=$

㊶ $\frac{2}{5}:2=$

㊷ $\frac{5}{6}:4=$

① $10 : \frac{1}{4} =$

② $\frac{4}{7} : \frac{7}{4} =$

③ $3 : \frac{2}{3} =$

④ $8 : 5 =$

⑤ $5 : 9 =$

⑥ $4.5 : 1.5 =$

⑦ $\frac{1}{2} : \frac{1}{3} =$

⑧ $\frac{6}{5} : \frac{1}{6} =$

⑨ $0.2 : 1\frac{4}{5} =$

⑩ $4 : 5 =$

⑪ $3 : 15 =$

⑫ $0.3 : 2 =$

⑬ $1.2 : 2.1 =$

⑭ $9 : 6 =$

⑮ $0.25 : 0.125 =$

⑯ $\frac{10}{8} =$

⑰ $2.8 : 3.5 =$

⑱ $4 : 8 =$

⑲ $4.2 : 6 =$

⑳ $0.8 : 0.25 =$

㉑ $\frac{36}{144} =$

㉒ $31 : 93 =$

㉓ $1.8 : 0.6 =$

㉔ $\frac{200}{40} =$

㉕ $\frac{2}{5} : \frac{1}{2} =$

㉖ $8.1 : 9 =$

㉗ $1 : 0.125 =$

㉘ $1 : 0.3 =$

㉙ $\frac{4}{9} : \frac{2}{3} =$

㉚ $\frac{21}{7} =$

㉛ $\frac{24}{6} =$

㉜ $16 : 12 =$

㉝ $0.25 : \frac{1}{4} =$

㉞ $4 : 0.5 =$

㉟ $100 : 20 =$

㊱ $\frac{1}{6} : \frac{1}{9} =$

㊲ $7 : 9 =$

㊳ $8.1 : 0.9 =$

㊴ $15 : 0.5 =$

㊵ $0.75 : 1.5 =$

㊶ $\frac{169}{13} =$

㊷ $\frac{8}{15} : \frac{4}{5} =$

㊸ $\frac{5}{14} : \frac{2}{5} =$

㊹ $1\frac{2}{3} : 1\frac{2}{3} =$

㊺ $3 : 1\frac{1}{5} =$

㊻ $1 : 1\frac{1}{4} =$

㊼ $2\frac{1}{4} : 9 =$

㊽ $3\frac{1}{5} : \frac{4}{5} =$

㊾ $\frac{13}{169} =$

㊿ $\frac{8}{15} : \frac{4}{5} =$

① $\frac{5}{12} : \frac{2}{5} =$

② $1\frac{2}{8.3} : 1\frac{2}{3} =$

③ $3 : 5\frac{1}{5} =$

④ $11 : 11\frac{1}{4} =$

⑤ $1\frac{1}{4} : 9 =$

⑥ $1\frac{1}{5} : \frac{4}{5} =$

⑦ $1\frac{1}{3} : \frac{1}{4} =$

⑧ $1\frac{1}{5} : 1 =$

⑨ $5\frac{2}{7} : \frac{7}{7} =$

⑩ $2 : 8 =$

⑪ $4 : \frac{2}{5} =$

⑫ $\frac{1}{2} : 3 =$

⑬ $\frac{2}{3} : \frac{1}{6} =$

⑭ $\frac{2}{9} : 4 =$

⑮ $\frac{5}{6} : \frac{52}{26} =$

⑯ $\frac{1}{8} : \frac{1}{10} =$

⑰ $\frac{1}{4} : 3 =$

⑱ $\frac{3}{4} : \frac{1}{16} =$

⑲ $\frac{8}{9} : \frac{1}{18} =$

化简比:

① $\frac{1}{9} : \frac{1}{6} =$

② $\frac{2}{3} : \frac{3}{4} =$

③ $\frac{5}{8} : \frac{5}{7} =$

④ $\frac{5}{8} : \frac{1}{4} =$

⑤ $\frac{1}{4} : \frac{3}{4} =$

⑥ $\frac{1}{2} : \frac{1}{4} =$

⑦ $\frac{1}{3} : \frac{1}{5} =$

⑧ $\frac{4}{7} : \frac{5}{6} =$

⑨ $\frac{1}{5} : \frac{1}{10} =$

⑩ $\frac{1}{3} : \frac{1}{6} =$

⑪ $\frac{4}{7} : \frac{4}{7} =$

⑫ $\frac{7}{30} : \frac{4}{15} =$

⑬ $\frac{1}{6} : \frac{1}{2} =$

⑭ $\frac{1}{6} : \frac{1}{3} =$

⑮ $\frac{5}{7} : \frac{2}{7} =$

⑯ $\frac{1}{4} : \frac{1}{8} =$

⑰ $0.3 : 1.2 =$

⑱ $0.25 : 4 =$

⑳ $1.6 : 0.4 =$

㉑ $0.1 : 0.8 =$

㉒ $2.8 : 0.7 =$

㉓ $42 : 21 =$

㉔ $7 : 3.5 =$

㉕ $2.1 : 1.2 =$

㉖ $63 : 9 =$

㉗ $10\% : 50\% =$

㉘ $\frac{25}{50} =$

㉙ $\frac{15}{17} =$

㉚ $\frac{12}{33} =$

㉛ $\frac{51}{17} =$

㉜ $3 : 2 =$

① $45 : 25 =$

② $15 : 21 =$

③ $27 : 72 =$

④ $1.2 : 36 =$

⑤ $3.4 : 0.34 =$

⑥ $100 : 150 =$

⑦ $4 : 48 =$

⑧ $6.5 : 13 =$

⑨ $6 : 10 =$

⑩ $0.3 : 0.4 =$

⑪ $65 : 13 =$

⑫ $24 : 144 =$

⑬ $0.5 : 2.5 =$

⑭ $72 : 48 =$

⑮ $124 : 20 =$

⑯ $3 : 0.75 =$

⑰ $\frac{25}{50} =$

⑱ $\frac{15}{75} =$

⑲ $\frac{28}{4} =$

⑳ $\frac{12}{75} =$

㉑ $\frac{12}{22} =$

㉒ $0.5 : \frac{1}{3} =$

㉓ $\frac{1}{2} : 8 =$

㉔ $\frac{3}{4} : \frac{3}{5} =$

㉕ $1.8 : 2\frac{3}{5} =$

㉖ $\frac{3}{4} : \frac{3}{5} =$

㉗ $3\frac{1}{2} : 7 =$

㉘ $0.4 : 0.5 =$

㉙ $\frac{5}{6} : 4 =$

㉚ $10 : \frac{1}{4} =$

㉛ $3 : \frac{2}{3} =$

㉜ $\frac{8}{15} : \frac{4}{5} =$

㉝ $\frac{5}{13} : \frac{3}{5} =$

㉞ $3.6 : 0.32 =$

求比值：

⑮ $1.6 : 2 =$

⑯ $\frac{3}{14} : \frac{1}{7} =$

⑰ $6 : 3 =$

⑱ $0.5 : 0.2 =$

⑲ $3 : 8 =$

⑳ $0.3 : 2 =$

㉑ $\frac{5}{12} : \frac{1}{12} =$

㉒ $80 : 2 =$

㉓ $4.2 : 7 =$

㉔ $\frac{5}{14} : \frac{2}{5} =$

㉕ $24 : 10 =$

㉖ $8 : 10 =$

㉗ $72 : 18 =$

㉘ $12 : 32 =$

㉙ $\frac{8}{15} : \frac{4}{5} =$

㉚ $0.75 : 0.25 =$

㉛ $14 : 8 =$

㉜ $\frac{4}{5} : \frac{3}{5} =$

㉝ $16 : 12 =$

㉞ $1.5 : 3 =$

㉟ $9 : 10 =$

㊱ $\frac{1}{2} : \frac{1}{3} =$

㊲ $\frac{2}{5} : \frac{3}{5} =$

㊳ $42 : 3 =$

㊴ $\frac{1}{4} : \frac{1}{8} =$

㊵ $2.4 : 3 =$

㊶ $24 : 3 =$

㊷ $\frac{1}{4} : \frac{1}{8} =$

㊸ $36 : 9 =$

㊹ $6 : 10 =$

㊺ $\frac{8}{27} : \frac{2}{9} =$

㊻ $15 : 0.3 =$

㊼ $5.6 : 2.8 =$

㊽ $7.8 : 0.6 =$

㊾ $10 : 12 =$

㊿ $\frac{1}{2} : \frac{1}{6} =$

㊿ $3 : 0.5 =$

① $2.24 : 1.12 =$

② $24 \times 0.04 =$

③ $3.5 : 0.7 =$

④ $6.4 - 3.7 =$

⑤ $100 : 0.25 =$

⑥ $84 \div 28 =$

⑦ $75.6 : 7 =$

⑧ $897 + 389 =$

⑨ $4.8 : 0.6 =$

⑩ $3.8 + 0.7 =$

⑪ $12.1 : 11 =$

⑫ $0.75 \div 15 =$

⑬ $0.3 : 0.5 =$

⑭ $5.6 \div 0.7 =$

⑮ $14.3 : 13 =$

⑯ $15 - 6.7 =$

⑰ $4.5 : 0.15 =$

⑱ $0.36 + 0.4 =$

⑲ $0.91 : 0.13 =$

㉑ $100 + 0.07 =$

㉒ $12.5 : 2.5 =$

㉓ $0.45 \times 2 =$

㉔ $7.2 : 0.9 =$

㉕ $2 \div 8 =$

㉖ $0.81 : 0.3 =$

㉗ $8.4 - 1.5 =$

㉘ $35 : 0.7 =$

㉙ $6.2 + 1.8 =$

① $0.9 \div 0.3 =$

② $\frac{3}{4} \times \frac{2}{3} =$

③ $4 \times 6.3 =$

④ $\frac{1}{4} + 5.75 =$

⑤ $8.4 \div 2 =$

⑥ $5.7 - 0.9 =$

⑦ $6 \div 0.3 =$

⑧ $12 + 9.2 =$

⑨ $21.3 \times 1.7 =$

⑩ $1.8 \div 0.18 =$

⑪ $1\frac{7}{8} - \frac{1}{8} =$

⑫ $4100 \div 5 =$

⑬ $0.72 \div 0.8 =$

⑭ $174 + 9.97 =$

⑮ $26 \div 0.2 =$

⑯ $1\frac{7}{8} \times \frac{4}{15} =$

⑰ $2600 \div 13 =$

⑱ $504 \times 6 =$

⑲ $7.3 + 25.5 =$

⑳ $2.5 \div 0.05 =$

㉑ $3.4 \div \frac{1}{17} =$

㉒ $120 \div 20 =$

㉓ $2700 \div 30 =$

㉔ $0.4 \div 0.2 =$

㉕ $20 \times \frac{5}{4} =$

㉖ $1200 \div 50 =$

㉗ $\frac{1}{4} + \frac{1}{6} =$

㉘ $6\frac{1}{7} + 2\frac{1}{7} =$

㉙ $5.7 - 1.9 =$

㉚ $\frac{1}{2} + \frac{1}{7} =$

㉛ $5\frac{3}{8} - 3\frac{1}{8} =$

㉜ $5.8 + 9.2 =$

㉝ $7.8 \div 0.2 =$

㉞ $174 - 99 =$

㉟ $1.3 \times 0.5 =$

㊱ $78.9 - 9.7 =$

㊲ $2.4 \div 0.2 =$

㊳ $\frac{9}{5} + \frac{4}{5} =$

㊴ $2.25 + 3\frac{3}{4} =$

㊵ $125 \times 80 =$

㊶ $5.08 + 2.02 =$

㊷ $2.8 \div 0.05 =$

㊸ $0.1 \div 0.2 =$

㊹ $1000 \div 20 =$

㊺ $5.08 + 2.02 =$

㊻ $4\frac{1}{5} =$

㊼ $\frac{11}{12} \times \frac{3}{11} =$

㊽ $2.3 + 1.8 =$

㊾ $\frac{2}{7} + \frac{2}{7} =$

㊿ $1\frac{1}{2} \div \frac{2}{3} =$

㋀ $\frac{8}{7} \times \frac{5}{7} =$

㋁ $149 - 99.98 =$

㋂ $6\frac{1}{6} - 4\frac{1}{6} =$

㋃ $4\frac{5}{9} =$

㋄ $5\frac{5}{8} \times \frac{5}{8} =$

㋅ $145 \times 25 =$

㋆ $15.4 + 2.7 =$

㋇ $6\frac{4}{8} - 4\frac{2}{8} =$

㋈ $15.8 + 9.2 =$

解比例

① $\frac{8}{X} = \frac{1}{2}$	$X =$	⑩ $\frac{15}{4} = \frac{X}{0.2}$	$X =$	① $2.7 : 5.4 = X : 3$	$X =$	⑬ $\frac{8}{X} = \frac{1}{2}$	$X =$
② $\frac{X}{5} = \frac{12}{3}$	$X =$	⑪ $3 : 8 = 15 : X$	$X =$	② $0.3 : 0.4 = X : 3$	$X =$	⑭ $X : 6 = 2 : 8$	$X =$
③ $\frac{12}{6} = \frac{4}{X}$	$X =$	⑫ $X : 9 = 4 : 3$	$X =$	③ $0.8 : 0.4 = X : 3$	$X =$	⑮ $\frac{16}{12} = \frac{X}{4}$	$X =$
④ $\frac{1}{4} = \frac{X}{8}$	$X =$	⑬ $X : 1.6 = 5 : 4$	$X =$	④ $\frac{4}{3} = \frac{8}{X}$	$X =$	⑯ $\frac{35}{7} = \frac{X}{4}$	$X =$
⑤ $8 : 4 = 24 : X$	$X =$	⑭ $\frac{8}{X} = 4 : 3$	$X =$	⑤ $\frac{4}{8} = \frac{16}{X}$	$X =$	⑰ $3 : 8 : X : 24$	$X =$
⑥ $0.14 : 2 = 7 : X$	$X =$	⑮ $\frac{0.5}{X} = \frac{1.5}{12}$	$X =$	⑥ $22 : 11 = X : 5$	$X =$	⑱ $2 : 6 = 3 : X$	$X =$
⑦ $\frac{X}{14} = \frac{4}{7}$	$X =$	⑯ $3 : 15 = 8 : X$	$X =$	⑦ $X : 25 = 4 : 5$	$X =$	⑲ $\frac{X}{16} = \frac{3}{8}$	$X =$
⑧ $\frac{10}{X} = \frac{45}{8}$	$X =$	⑰ $1 : 5 = 2.5 : X$	$X =$	⑧ $18 : 3 = X : 3$	$X =$	⑳ $\frac{1}{2} : \frac{1}{4} = \frac{1}{5} : X$	$X =$
⑨ $\frac{X}{25} = \frac{1}{10}$	$X =$	⑱ $20 : 10 = X : 30$	$X =$	⑨ $4 : X : 2 : 5$	$X =$	㉑ $\frac{X}{15} = \frac{10}{75}$	$X =$
		⑲ $\frac{4}{X} = \frac{4}{5}$	$X =$	⑩ $4 : 5 = 6 : X$	$X =$	㉒ $\frac{X}{2.5} = \frac{1}{5}$	$X =$
		⑳ $\frac{2}{3} = X : 3$	$X =$	⑪ $\frac{X}{5} = \frac{9}{15}$	$X =$		
		㉑ $X : 3 = 1 : 7$	$X =$	⑫ $\frac{X}{2} = \frac{5}{10}$	$X =$		

①() : 3 = 5 : 10

②2 : 8 = () : 6

③5 : 7 = 15 : ()

④6 : 12 = () : 2

⑤ $\frac{8}{()} = \frac{3}{15}$

⑥ $\frac{6}{2} = \frac{24}{()}$

⑦3 × () = 18 × 3

⑧12 × () = 20 × ()

⑨125 × () = 20 × ()

⑩20 × 2 = 6 × ()

⑪32 × () = 4 × 8

⑫33 × () = 5 × 11

⑬6 × () = 4 × 3

⑭4 : 16 = () : 7

⑮2 : 5 = 9 : ()

⑯5 : () = 12 : 6

⑰2 : 18 = () : 9

⑱2 : () = 3 : ()

⑲12 : 16 = 3 : ()

⑳4 : () = 8 : 24

㉑() : 3 = 5 : 10

㉒() : 20 = 2 : 4

㉓24 × 2 = 6 × ()

㉔0.6 : 0.8 = () : 4

㉕() : 1 = 34 : 13

㉖() : 2 = 15 : 30

㉗ $\frac{3}{4} : () = \frac{1}{2} : 8$

① $\frac{4}{5} : () = 10 : \frac{1}{2}$

②5 : () = 15 : 3

③0.5 : () = 1 : 5

④() : 2 = 7 : 10

⑤ $\frac{()}{10} = \frac{9}{15}$

⑥ $\frac{6}{3} = \frac{()}{8}$

⑦ $\frac{4}{12} = \frac{()}{6}$

⑧ $\frac{1.4}{2} = \frac{7}{()}$

⑨36 : 12 = $\frac{9}{()}$

⑩ $\frac{4}{()} = 16 : 24$

⑪ $\frac{8}{20} = \frac{24}{()}$

⑫16 : 4 : () : 0.5

⑬ $\frac{2}{5} = 4 : ()$

⑭72 : () = 18 : 6

⑮0.5 : 0.6 = 25 : ()

⑯10 : 4 = 35 : ()

⑰15 : () = 3 : 8

⑱ $\frac{1}{4} : \frac{1}{8} = () : \frac{1}{10}$

⑲150 : 200 = $\frac{3}{()}$

⑳144 : 36 = () : 1

㉑80 : 2 = 200 : ()

㉒ $\frac{()}{5} = \frac{8}{4}$

- | | | | | | |
|----------------------|---------------------|----------------------|--------------------|---------------------|----------------------|
| ① $3.2 \times 0.3 =$ | ⑮ $9 - 0.25 =$ | ⑲ $3 \div 2.1 =$ | ① $2.37 - 0.9 =$ | ⑮ $48 \div 0.6 =$ | ⑲ $2.78 \div 13.9 =$ |
| ② $0.09 \times 11 =$ | ⑯ $40 \div 200 =$ | ⑳ $6 \div 8 =$ | ② $0.32 + 0.68 =$ | ⑯ $2.7 \div 0.9 =$ | ⑳ $8.4 + 1.5 =$ |
| ③ $7.2 \div 4 =$ | ⑰ $6 - 0.59 =$ | ㉑ $6 \div 9 =$ | ③ $8 \times 0.9 =$ | ⑰ $6.4 \div 0.8 =$ | ㉑ $98 - 7.5 =$ |
| ④ $0.25 \times 16 =$ | ⑱ $5.6 + 37 =$ | ㉒ $5 \div 6 =$ | ④ $3.2 \div 16 =$ | ⑱ $1.25 \div 0.5 =$ | ㉒ $4.7 - 3 =$ |
| ⑤ $9 - 0.25 =$ | ⑲ $0.18 \times 5 =$ | ㉓ $1 \div 4 =$ | ⑤ $0.84 - 0.56 =$ | ⑲ $3.6 \div 0.09 =$ | ㉓ $4.8 \div 0.6 =$ |
| ⑥ $1.01 \times 9 =$ | ⑳ $8 \times 0.8 =$ | ㉔ $3.9 \div 13 =$ | ⑥ $1.5 \times 4 =$ | ⑳ $0.18 \div 0.2 =$ | ㉔ $3.47 + 62 =$ |
| ⑦ $4.8 + 0.7 =$ | ㉑ $8 \div 0.16 =$ | ㉕ $42 \times 0.6 =$ | ⑦ $4 \div 5 =$ | ㉑ $1.5 \div 0.3 =$ | ㉕ $3 \div 0.01 =$ |
| ⑧ $1.2 - 0.89 =$ | ㉒ $10 \div 0.25 =$ | ㉖ $0.9 \times 0.6 =$ | ⑧ $70 \div 0.2 =$ | ㉒ $5.5 \div 11 =$ | ㉖ $0.35 \times 2 =$ |
| ⑨ $1.8 + 0.35 =$ | ㉓ $0.15 \times 4 =$ | ㉗ $0.16 \div 0.4 =$ | ⑨ $1.65 - 0.87 =$ | ㉓ $5 \times 1.3 =$ | ㉗ $0.38 + 5 =$ |
| ⑩ $1.7 \times 0.3 =$ | ㉔ $1 - 0.72 =$ | ㉘ $7.2 \div 0.72 =$ | ⑩ $2 - 0.35 =$ | ㉔ $74 \times 35 =$ | ㉘ $1.6 \times 0.4 =$ |
| ⑪ $4.8 \div 0.16 =$ | ㉕ $5.6 + 37 =$ | ㉙ $1 \div 0.125 =$ | ⑪ $1.74 + 0.26 =$ | ㉕ $0.9 - 0.26 =$ | ㉙ $0.24 \div 12 =$ |
| ⑫ $4 - 0.38 =$ | ㉖ $6 - 0.59 =$ | ㉚ $7.2 \times 0.3 =$ | ⑫ $70 \div 0.5 =$ | ㉖ $2 \times 8 =$ | ㉚ $0.23 \times 40 =$ |
| ⑬ $300 \times 0.2 =$ | ㉗ $4.6 \div 2.3 =$ | ㉛ $2.6 \times 2 =$ | ⑬ $15 \div 30 =$ | ㉗ $2 - 1.05 =$ | ㉛ $65 \times 101 =$ |
| ⑭ $0.25 \times 16 =$ | ㉘ $1.8 \div 5 =$ | ㉜ $0.72 \div 8 =$ | ⑭ $1.3 \times 7 =$ | ㉘ $5.7 + 0.9 =$ | ㉜ $6.2 - 1.9 =$ |

- | | | | | |
|---------------------|------------|--------------|--------------|-------------|
| ① $9.37+6.3=$ | ②⑨ $15-7=$ | ① $17-8=$ | ⑮ $16-2-6=$ | ②⑨ $16-8=$ |
| ② $900-393=$ | ③⑩ $4+7=$ | ② $14+4=$ | ⑮ $15-5=$ | ③⑩ $16-9=$ |
| ③ $0.5+9=$ | ③⑩ $13-4=$ | ③ $11-10=$ | ⑮ $12-8=$ | ③⑩ $18-11=$ |
| ④ $9-1.3=$ | ③② $15-9=$ | ④ $15-8=$ | ⑮ $17-8=$ | ③② $11+6=$ |
| ⑤ $16 \times 50=$ | ③③ $12+6=$ | ⑤ $17-4-2=$ | ⑮ $11-2=$ | ③③ $12-7=$ |
| ⑥ $5.8+2.9=$ | ③④ $5+8=$ | ⑥ $3-1+17=$ | ⑮ $17-7=$ | ③④ $13+6=$ |
| ⑦ $1.2 \div 2=$ | ③⑤ $9+7=$ | ⑦ $18-10+7=$ | ⑮ $7+7=$ | ③⑤ $13-2=$ |
| ⑧ $3.8 \div 2=$ | ③⑥ $13-6=$ | ⑧ $16-10=$ | ⑮ $12+5=$ | ③⑥ $0+6=$ |
| ⑨ $2.6 \div 2=$ | ③⑦ $6+6=$ | ⑨ $9+2=$ | ⑮ $19-14+3=$ | ③⑦ $11-9=$ |
| ⑩ $2.7 \times 0.3=$ | ③⑧ $12+7=$ | ⑩ $13-3=$ | ⑮ $12-6=$ | ③⑧ $9+5=$ |
| ⑪ $1.8 \times 0.2=$ | ③⑨ $14-9=$ | ⑪ $17-9=$ | ⑮ $11-8=$ | ③⑨ $14-4=$ |
| ⑫ $2.2 \times 4=$ | ④⑧ $8+4=$ | ⑫ $2+8-4=$ | ⑮ $9+8=$ | ④⑧ $9+6=$ |
| ⑬ $11-3=$ | ④⑩ $15-6=$ | ⑬ $14+3-8=$ | ⑮ $16-6=$ | ④⑩ $13-4=$ |
| ⑭ $14-4=$ | ④⑫ $12-3=$ | ⑭ $12-9=$ | ⑮ $18-9=$ | ④⑫ $6+5=$ |