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珠算技术等级  
比密练习题册



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《新珠算》创刊纪念

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# 前 言

这本练习册是为了满足广大珠算爱好者学、练珠算技术的需要而编写的。为了适应名利不同练习的需要,我们根据黑龙江省珠算技术等级标准、全国珠算技术比赛题型以及日本“全珠连”的段位级题型等,编拟了各个方面的练习题,同时为了增添趣味性,使大家在练习的间隙能做一些珠算方面的游戏,我们还编写了一些珠算趣题作为附录。对本练习册中的这些内容,大家在练习的过程中可根据不同需要而选用。一般的初学者可先从等级标准中的最低等级练起,随着技术的提高,再向比较高的等级晋升。当达到了一定技术水平之后,进而再练习全国比赛题型和日本段位级题型。这样的循序渐进,一步一个脚印,一个台阶一个台阶的上,就可在苦练中登上珠算技术的高峰。

珠算技术,要求必须有很强的基本功。为了帮助大家在练功的过程中加强基本功的训练,我们还特编写了珠算的拨珠指法、数码字的书写等内容附在书后,供大家参考。

珠算是由我们中华民族发明创造出来的,目前它正迎来广泛的国际兴趣,一股新的“珠算热”正在国内外兴起。党和国家领导非常珍惜这一光辉灿烂的文化遗产。敬爱的周总理生前关于“不要把算盘丢掉”的重要讲话,为我们开创珠算事业新局面而的强大思想武器。这里,我们特将由桂林市韦法协会副主席、市珠协顾问张开政同志敬书的周总理生前同李政道博士谈话中关于“不要把算盘丢掉”的光辉遗言排印在本练习册前的扉页中,以做为我们的座右铭。同时,为了鼓励大家刻苦练功,攀登珠算技术的高峰,我们还特将由我国著名珠算专家、中国珠协副会长殷长生同志为《新珠潮》创刊而题写的“珠艺攀高峰”刊印在本练习册的封面上。

本练习册是由齐齐哈尔市珠算学校技术教研组的几位老师共同讨论,市珠协理事李盟、李殿阳同志执笔编拟的,最后由省珠协理事、市珠协秘书长宇文永权同志审定。

由于时间仓促和能力所限,其中一定会有某些错误和疏漏之处,请大家在使用过程中提出宝贵意见。

齐 齐 哈 尔 市 珠 算 协 会

1984年3月

# 说 明

一、关于黑龙江省珠算等级标准的有关规定：

对各级别的考核权限规定：一级、准特级和特级由省珠协负责考核；二至五级由所在地、市珠协组织考核；县珠协只负责三至五级的考核；六至八级由各主管部门自行组织考核。鉴定分甲、乙两卷，有一卷合格，即为合格。合格者由负责考核单位发给合格证书。

对各类专业人员的规定：凡省内各单位的会计员、统计员及核算员等的珠算技术水平，最低应达到本标准的五级水平。

对鉴定时间的规定与要求：各级鉴定时间以20分钟为限。数字应书写清楚，辨认不清者，按错题处理。答案写错时，须用划线法订正。在乘、除算中对有近似值的算题，特级至三级要求小数点后保留四位，四至八级，要求小数点所保留二位，否则亦按错题处理。

各级标准允许错题数的规定：

| 级 别       | 特 级 | 准 特 | 一 级 | 二 级 | 三 级 | 四 级 | 五 级 | 六 级 | 七 级 | 八 级 |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 总 题 数     | 36  | 30  | 24  | 24  | 20  | 20  | 18  | 18  | 18  | 18  |
| 允 许 错 题 数 | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   |

二、关于全国珠算技术比赛的有关规定：

1、时间规定：加、减、乘、除赛题均规定15分钟。

2、题量的规定：加、减赛题为30题，乘、除赛题为80题，采用限时不限量的方法。如果题量不足，可另加试卷。

3、评分标准：在数对、分节点，小数点准确齐备的条件下，加、减赛题，每题10分，乘、除赛题，每题为4分。同时还规定加、减赛题可打到哪记数到哪，按完整题量计分，其余部分作为参考。

4、全国珠算太原邀请赛比赛成绩（日前全国最高纪录）：

加、减算：289分

乘 算：296分

除 乘：328分

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# 珠 算 八 级 标 准 题

## (一) 加 法

|   |        |   |        |   |        |
|---|--------|---|--------|---|--------|
| ① | 512    | ② | 731    | ③ | 842    |
|   | 37     |   | 45     |   | 74     |
|   | 2,384  |   | 73     |   | 23,051 |
|   | 60     |   | 1,258  |   | 915    |
|   | 851    |   | 682    |   | 43     |
|   | 12,045 |   | 95     |   | 572    |
|   | 59     |   | 21,409 |   | 67     |
|   | 16     |   | 56     |   | 1,294  |
|   | 723    |   | 563    |   | 760    |
|   | 4,678  |   | 84     |   | 91     |
|   | 27     |   | 3,072  |   | 48,106 |
|   | 935    |   | 947    |   | 53     |
|   | 31,409 |   | 64     |   | 638    |
|   | 46     |   | 49,130 |   | 85     |
| + | 698    | + | 821    | + | 3,249  |

## (二) 减 法

|   |        |   |        |   |        |
|---|--------|---|--------|---|--------|
| ① | 97,658 | ② | 96,521 | ③ | 97,586 |
|   | 496    |   | 397    |   | 65     |
|   | 79     |   | 74     |   | 318    |
|   | 2,805  |   | 410    |   | 1,237  |
|   | 57     |   | 59     |   | 59     |
|   | 431    |   | 2,375  |   | 245    |
|   | 14,027 |   | 68     |   | 58     |
|   | 54     |   | 53     |   | 463    |
|   | 210    |   | 386    |   | 2,096  |
|   | 69     |   | 14,092 |   | 72     |
|   | 372    |   | 85     |   | 391    |
|   | 86     |   | 468    |   | 67     |
|   | 1,963  |   | 1,706  |   | 18,604 |
|   | 68     |   | 67     |   | 470    |
| - | 385    | - | 289    | - | 89     |

## (三) 乘 法

- ①  $65 \times 24 =$
- ②  $47 \times 68 =$
- ③  $18 \times 910 =$
- ④  $720 \times 43 =$
- ⑤  $36 \times 325 =$
- ⑥  $934 \times 76 =$

## (四) 除 法

- ①  $1,960 \div 56 =$
- ②  $3,096 \div 72 =$
- ③  $10,222 \div 38 =$
- ④  $31,960 \div 470 =$
- ⑤  $26,600 \div 28 =$
- ⑥  $51,996 \div 619 =$

# 珠算七级标准题

## (一) 加法

|   |        |   |        |
|---|--------|---|--------|
| ① | 932    | ② | 5,126  |
|   | 3,497  |   | 93     |
|   | 54     |   | 63,078 |
|   | 12,780 |   | 861    |
|   | 7,138  |   | 1,985  |
|   | 60,421 |   | 530    |
|   | 256    |   | 7,542  |
|   | 8,675  |   | 26,107 |
|   | 50,189 |   | 674    |
|   | 493    |   | 3,289  |
|   | 4,208  |   | 493    |
|   | 176    |   | 40,241 |
|   | 69     |   | 95     |
|   | 21,035 |   | 752    |
| + | 347    | + | 81,034 |

## (二) 减法

|   |        |   |        |   |        |   |        |
|---|--------|---|--------|---|--------|---|--------|
| ③ | 81,049 | ① | 97,568 | ② | 98,712 | ③ | 97,861 |
|   | 126    |   | 3,416  |   | 627    |   | 416    |
|   | 65     |   | 729    |   | 2,194  |   | 85     |
|   | 7,378  |   | 2,195  |   | 13,240 |   | 2,349  |
|   | 497    |   | 10,327 |   | 538    |   | 623    |
|   | 68,032 |   | 61     |   | 81     |   | 10,972 |
|   | 1,247  |   | 586    |   | 3,546  |   | 527    |
|   | 954    |   | 20,345 |   | 475    |   | 3,814  |
|   | 310    |   | 4,089  |   | 4,809  |   | 640    |
|   | 27,608 |   | 573    |   | 10,933 |   | 4,038  |
|   | 51     |   | 682    |   | 78     |   | 10,895 |
|   | 3,986  |   | 10,957 |   | 3,026  |   | 3,567  |
|   | 41,035 |   | 3,694  |   | 619    |   | 79     |
|   | 289    |   | 80     |   | 20,375 |   | 576    |
| + | 5,243  | - | 478    | - | 547    | - | 20,958 |

## (三) 乘法

|   |                      |
|---|----------------------|
| ① | $67 \times 830 =$    |
| ② | $932 \times 35 =$    |
| ③ | $870 \times 568 =$   |
| ④ | $485 \times 4.98 =$  |
| ⑤ | $50.6 \times 72.4 =$ |
| ⑥ | $31.4 \times 16.7 =$ |

## (四) 除法

|   |                        |
|---|------------------------|
| ① | $49,915 \div 745 =$    |
| ② | $13,440 \div 48 =$     |
| ③ | $73,980 \div 137 =$    |
| ④ | $2,552.45 \div 358 =$  |
| ⑤ | $247.16 \div 29.6 =$   |
| ⑥ | $3,140.23 \div 64.3 =$ |

# 珠 算 六 级 标 准 题

## (一) 加 法

|                 |               |
|-----------------|---------------|
| ① 514.32        | ② 9.30        |
| 3.87            | 617.29        |
| 92.04           | 46,980.15     |
| 17,905.38       | 52.83         |
| 6.41            | 837.46        |
| 628.90          | 1,506.32      |
| 5.69            | 8.97          |
| 2,170.35        | 91.24         |
| 741.53          | 45.38         |
| 17.86           | 24,687.01     |
| 32,049.67       | 709.13        |
| 4.29            | 7.54          |
| 23.86           | 3,204.61      |
| 4,105.28        | 560.74        |
| <u>+ 867.05</u> | <u>+ 6.82</u> |

## (二) 减 法

|               |                |                 |                 |
|---------------|----------------|-----------------|-----------------|
| ③ 842.31      | ① 97,831.62    | ② 98,631.42     | ③ 95,781.62     |
| 37,190.48     | 6.24           | 3,280.97        | 6.34            |
| 6.84          | 908.31         | 27.34           | 970.21          |
| 1,205.37      | 41.65          | 6.18            | 91.45           |
| 517.62        | 2,450.83       | 5.61            | 45.73           |
| 29.80         | 8.20           | 24,759.30       | 8.90            |
| 5.19          | 571.09         | 520.43          | 2,806.29        |
| 602.35        | 19,204.35      | 91.25           | 618.05          |
| 2,546.03      | 58.63          | 3.59            | 7.43            |
| 97.86         | 795.26         | 1,908.76        | 13,750.96       |
| 3.49          | 9.72           | 769.05          | 536.82          |
| 49,201.37     | 4,130.57       | 15.89           | 3.47            |
| 730.85        | 7.64           | 401.37          | 56.24           |
| 15.76         | 649.08         | 4.68            | 4,105.78        |
| <u>+ 4.68</u> | <u>- 38.71</u> | <u>- 820.46</u> | <u>- 860.91</u> |

## (三) 乘 法

|                   |
|-------------------|
| ① 740 × 319 =     |
| ② 359 × 638 =     |
| ③ 13.8 × 4.85 =   |
| ④ 627 × 0.056 =   |
| ⑤ 26.08 × 274 =   |
| ⑥ 59.14 × 172.9 = |

## (四) 加 法

|                     |
|---------------------|
| ① 530,024 ÷ 634 =   |
| ② 17,052.5 ÷ 359 =  |
| ③ 527,820 ÷ 570 =   |
| ④ 44,800 ÷ 128 =    |
| ⑤ 5,669.8 ÷ 26.08 = |
| ⑥ 918.13 ÷ 47.19 =  |

# 珠 算 五 级 标 准 题

## (一) 加 法

$$\begin{array}{r} \textcircled{1} \quad 253,104.86 \\ \quad 1,790.32 \\ 624,871.90 \\ \quad 46.21 \\ 71,023.45 \\ \quad 8,569.08 \\ \quad 52.73 \\ 31,804.59 \\ \quad 439.67 \\ \quad 67.84 \\ \quad 3,210.47 \\ \quad 956.78 \\ 29,308.65 \\ \quad 543.89 \\ + \quad 142,950.76 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 7,130.26 \\ 946,807.52 \\ \quad 496.10 \\ 82,740.31 \\ \quad 69.85 \\ 163,025.78 \\ \quad 56.13 \\ 3,821.09 \\ \quad 793.54 \\ 24,560.87 \\ 479,203.15 \\ \quad 54.61 \\ 97,480.53 \\ \quad 613.92 \\ + \quad 8,259.64 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 614,290.35 \\ \quad 927.81 \\ \quad 51.40 \\ \quad 65.72 \\ 23,804.96 \\ \quad 51.27 \\ \quad 8,630.54 \\ 167,208.39 \\ \quad 491.63 \\ 24,570.98 \\ \quad 3,842.56 \\ 312,506.78 \\ \quad 489.65 \\ \quad 73,140.89 \\ + \quad 1,205.97 \\ \hline \end{array}$$



## (二) 减 法

$$\begin{array}{r} \textcircled{1} \quad 941,302.76 \\ \quad 4,890.12 \\ \quad 27,536.40 \\ \quad \quad 529.81 \\ 136,204.75 \\ \quad 653.18 \\ \quad \quad 69.83 \\ 31,524.09 \\ \quad 4,908.67 \\ \quad \quad 71.24 \\ 176,340.58 \\ \quad 3,807.96 \\ 25,730.49 \\ \quad \quad 81.35 \\ - \quad \quad 562.87 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 937,104.28 \\ \quad 4,891.28 \\ \quad \quad 62.54 \\ 28,390.47 \\ \quad \quad 576.19 \\ \quad \quad 82.36 \\ 146,705.82 \\ \quad 3,941.50 \\ \quad \quad 72.31 \\ 26,790.85 \\ \quad \quad 531.76 \\ 142,605.98 \\ \quad 4,820.35 \\ 31,508.67 \\ - \quad \quad 647.89 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 931,720.46 \\ \quad \quad 592.38 \\ \quad \quad 3,801.97 \\ 196,052.84 \\ \quad \quad 67.59 \\ \quad \quad 512.48 \\ 28,470.13 \\ \quad 4,369.05 \\ 163,908.57 \\ \quad \quad 74.29 \\ 35,710.96 \\ \quad \quad 83.62 \\ \quad 4,852.70 \\ 27,306.91 \\ - \quad \quad 614.85 \\ \hline \end{array}$$

## (三) 乘 法

$$\begin{array}{l} \textcircled{1} \quad 9,520 \times 0.386 = \\ \textcircled{2} \quad 0.716 \times 2,590 = \\ \textcircled{3} \quad 263.98 \times 71.4 = \\ \textcircled{4} \quad 461 \times 523.89 = \\ \textcircled{5} \quad 50.73 \times 894.1 = \\ \textcircled{6} \quad 318.45 \times 607.2 = \end{array}$$

## (四) 除 法

$$\begin{array}{l} \textcircled{1} \quad 7,296.74 \div 390.2 = \\ \textcircled{2} \quad 11,310.6 \div 178 = \\ \textcircled{3} \quad 628,774 \div 683.45 = \\ \textcircled{4} \quad 1,657.292 \div 0.029 = \\ \textcircled{5} \quad 177,100 \div 4,917 = \\ \textcircled{6} \quad 5,025,930 \div 56,023 = \end{array}$$

# 珠 算 四 级 标 准 题

## (一)加 法

$$\begin{array}{r} \textcircled{1} \quad 5,817,302.94 \\ \quad 340,156.27 \\ \quad 674,830.51 \\ \quad \quad 691.38 \\ 1,287,904.65 \\ \quad 41,738.52 \\ \quad 485,023.19 \\ 9,124,380.76 \\ \quad 895,604.23 \\ 3,647,295.10 \\ \quad 130,467.89 \\ 2,319,706.45 \\ \quad 256,980.37 \\ \quad \quad 5,297.86 \\ + 7,461,052.38 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 371,402.98 \\ \quad 5,831.26 \\ \quad 4,653,980.17 \\ \quad \quad 245,067.39 \\ \quad \quad 524,798.05 \\ 2,457,103.86 \\ \quad 42,569.31 \\ 6,170,825.49 \\ \quad 796,130.25 \\ \quad \quad 658.97 \\ 8,671,304.52 \\ \quad 926,879.10 \\ 1,258,063.74 \\ 3,491,620.58 \\ + 147,508.93 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 962,703.81 \\ \quad 7,316,092.48 \\ \quad \quad 5,179.63 \\ \quad \quad 258,394.10 \\ \quad \quad \quad 457.86 \\ 1,326,980.45 \\ \quad 852,014.79 \\ \quad 315,203.64 \\ \quad \quad 69,128.07 \\ 4,738,056.92 \\ \quad 524,730.61 \\ 9,157,809.24 \\ \quad 6,485,017.93 \\ \quad \quad 732,649.85 \\ + 8,153,704.62 \\ \hline \end{array}$$

## (二) 加减混合

$$\begin{array}{r} \textcircled{1} \quad 9,714,203.85 \\ \quad 429,140.38 \\ - \quad 853,096.17 \\ \quad 3,728,465.09 \\ - \quad 271,809.36 \\ \quad 5,724.62 \\ \quad 3,584,092.17 \\ - \quad 13,569.74 \\ - \quad 438,125.60 \\ \quad 5,749,830.21 \\ - \quad 214,058.79 \\ \quad 1,625,803.49 \\ \quad 7,960,178.25 \\ \quad \quad 697.38 \\ - \quad \quad 614,580.93 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 8,619,037.24 \\ - \quad 354,820.17 \\ \quad 9,437,608.21 \\ - \quad 295,167.30 \\ - \quad 78,394.26 \\ \quad 7,459,830.62 \\ - \quad 167,042.85 \\ \quad 4,512,708.39 \\ \quad \quad 914.53 \\ - \quad 679,230.18 \\ \quad 5,967,081.24 \\ \quad \quad 8,495.63 \\ - \quad 534,706.51 \\ \quad 6,817,429.05 \\ \quad \quad 459,068.32 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 9,618,027.43 \\ \quad 79,310.52 \\ - \quad 623,809.74 \\ \quad 3,250,647.61 \\ \quad 4,138,920.75 \\ - \quad 413,054.83 \\ \quad 8,512.46 \\ - \quad 269,307.85 \\ \quad 1,596,240.38 \\ - \quad 652,078.91 \\ \quad 5,137,694.80 \\ \quad \quad 915.64 \\ \quad 7,241,803.59 \\ - \quad 596,470.82 \\ - \quad 825,146.37 \\ \hline \end{array}$$

## (三) 乘法

$$\begin{array}{l} \textcircled{1} \quad 480.59 \times 627 = \\ \textcircled{2} \quad 67.2 \times 415.35 = \\ \textcircled{3} \quad 0.0318 \times 9,670 = \\ \textcircled{4} \quad 18,547 \times 29.63 = \\ \textcircled{5} \quad 56.23 \times 19,048 = \\ \textcircled{6} \quad 95,102 \times 876.34 = \\ \textcircled{7} \quad 725.46 \times 3,089.1 = \end{array}$$

## (四) 除法

$$\begin{array}{l} \textcircled{1} \quad 327,918 \div 45,019 = \\ \textcircled{2} \quad 608,715.8 \div 6.38 = \\ \textcircled{3} \quad 1.49917 \div 0.0543 = \\ \textcircled{4} \quad 956,850 \div 24.691 = \\ \textcircled{5} \quad 371,832.288 \div 53.87 = \\ \textcircled{6} \quad 78,444,700.9 \div 67,420 = \\ \textcircled{7} \quad 875,017.2 \div 1,783.5 = \end{array}$$

# 珠 算 三 级 标 准 题

## (一) 加 法

$$\begin{array}{r}
 \textcircled{1} \quad 147,605.83 \\
 2,391,546.08 \\
 312.74 \\
 48,923.10 \\
 34,957,038.61 \\
 5,241.87 \\
 759,630.45 \\
 8,172.09 \\
 9,605.82 \\
 5,794,018.36 \\
 7,562.93 \\
 971,304.28 \\
 69,802,657.14 \\
 35,748.60 \\
 239.51 \\
 6,183.27 \\
 14,692,730.85 \\
 847,051.69 \\
 29,470.36 \\
 + \quad 4,153,906.82 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \textcircled{2} \quad 790,162.83 \\
 43,207.18 \\
 6,538.04 \\
 24,615,789.30 \\
 524.61 \\
 829,013.57 \\
 7,460.85 \\
 1,792,104.39 \\
 30,758.62 \\
 47,925,013.86 \\
 8,467.03 \\
 3,594,201.68 \\
 9,730.84 \\
 143,692.50 \\
 5,798,324.61 \\
 471.85 \\
 5,192.37 \\
 21,547.69 \\
 65,837,609.82 \\
 + \quad 914,025.76 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \textcircled{3} \quad 2,984,015.63 \\
 5,240.38 \\
 713,502.84 \\
 674.90 \\
 13,692,705.81 \\
 6,218.47 \\
 21,630.75 \\
 6,592,081.49 \\
 7,356.92 \\
 732.56 \\
 874,169.03 \\
 57,418,203.68 \\
 35,710.84 \\
 9,431.50 \\
 967,028.31 \\
 4,891,205.67 \\
 8,947.25 \\
 43,516.89 \\
 196,470.32 \\
 + \quad 39,258,041.76 \\
 \hline
 \end{array}$$

## (二) 加 减 混 合

$$\begin{aligned} \textcircled{1} \quad & 94,610,527.83 \\ & - \quad 356,102.48 \\ & \quad 29,735.04 \\ & - \quad 4,693,287.10 \\ & \quad \quad 953.21 \\ & - \quad \quad 5,340.17 \\ & \quad 6,471,089.35 \\ & \quad \quad 8,652.49 \\ & - \quad \quad 36,807.92 \\ & \quad \quad 283,510.76 \\ & \quad 72,690,845.13 \\ & \quad \quad 9,326.48 \\ & - \quad 172,590.34 \\ & - \quad \quad 7,841.90 \\ & \quad \quad 45,732.61 \\ & \quad 56,814,903.27 \\ & - \quad 8,720,416.95 \\ & \quad \quad 851.79 \\ & - \quad \quad 6,380.42 \\ & \quad \quad 158,703.96 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 84,510,829.63 \\ & \quad 341,502.78 \\ & - \quad 28,935.04 \\ & - \quad \quad 5,413.20 \\ & \quad \quad 768.31 \\ & \quad 9,231,504.67 \\ & \quad \quad 6,970.85 \\ & - \quad 273,041.59 \\ & \quad \quad 9,658.72 \\ & \quad 79,148,203.56 \\ & - \quad \quad 36,921.08 \\ & \quad \quad 8,792.31 \\ & - \quad 6,489,027.13 \\ & \quad \quad 163,594.60 \\ & \quad 57,618,209.34 \\ & - \quad \quad 45,710.87 \\ & \quad \quad 642.75 \\ & - \quad \quad 7,536.49 \\ & - \quad 185,407.92 \\ & \quad \quad 4,319,052.86 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 97,160,482.53 \\ & - \quad 396,170.28 \\ & \quad \quad 7,351.94 \\ & - \quad 7,839,214.60 \\ & \quad \quad 24,703.81 \\ & \quad 82,697,431.05 \\ & \quad \quad 528.37 \\ & - \quad 256,073.89 \\ & - \quad \quad 8,950.16 \\ & \quad \quad 6,485.72 \\ & - \quad \quad 39,261.50 \\ & \quad 62,495,078.13 \\ & - \quad 163,729.04 \\ & \quad \quad 463.18 \\ & \quad 5,826,904.31 \\ & \quad \quad 9,581.47 \\ & - \quad 47,230.85 \\ & \quad \quad 5,467.09 \\ & \quad 4,596,081.32 \\ & - \quad 127,504.86 \end{aligned}$$

## (三) 乘

法①

$$\begin{aligned} & 59.03 \times 87.24 = \\ \textcircled{2} \quad & 47,281 \times 0.0563 = \\ \textcircled{3} \quad & 9,630 \times 0.52741 = \\ \textcircled{4} \quad & 241.37 \times 605.89 = \\ \textcircled{5} \quad & 859.06 \times 731.42 = \\ \textcircled{6} \quad & 169,5734 \times 29,018 = \\ \textcircled{7} \quad & 6,108.9 \times 436,8527 = \end{aligned}$$

## (四) 除

法①

$$\begin{aligned} & 404.7 \div 9.275 = \\ \textcircled{2} \quad & 9,071.8 \div 30,461 = \\ \textcircled{3} \quad & 31,815.16 \div 8,472 = \\ \textcircled{4} \quad & 474,232.2 \div 65,134 = \\ \textcircled{5} \quad & 1,214.89005 \div 0.02937 = \\ \textcircled{6} \quad & 70,916,786.226 \div 134,065.8 = \\ \textcircled{7} \quad & 13,249,280.2 \div 21.809 = \end{aligned}$$

# 珠 算 二 级 标 准 题

## (一) 加 法

|   |               |   |               |   |               |   |               |
|---|---------------|---|---------------|---|---------------|---|---------------|
| ① | 28,401.73     | ② | 132,805.43    | ③ | 5,217.63      | ④ | 7,214.63      |
|   | 796,150.28    |   | 5,617,920.38  |   | 739,021.58    |   | 63,952,701.38 |
|   | 19,537,086.54 |   | 25,016.84     |   | 2,863,970.84  |   | 785,936.04    |
|   | 6,342.10      |   | 847.10        |   | 7,243.10      |   | 648.10        |
|   | 287.41        |   | 8,329.01      |   | 475.61        |   | 32,054.71     |
|   | 7,691.05      |   | 24,613,058.97 |   | 8,904.57      |   | 28,419,360.57 |
|   | 862,504.37    |   | 946,170.25    |   | 4,826,713.05  |   | 8,927.65      |
|   | 2,783,045.19  |   | 7,423.59      |   | 548.29        |   | 5,823,401.79  |
|   | 39,870.62     |   | 39,706.82     |   | 59,371,084.62 |   | 954,038.12    |
|   | 329.56        |   | 1,740,532.96  |   | 23,950.76     |   | 795.26        |
|   | 36,427,105.98 |   | 9,217.68      |   | 849,012.53    |   | 47,680.93     |
|   | 940,618.23    |   | 814,760.53    |   | 6,254.98      |   | 1,754,206.38  |
|   | 8,937.54      |   | 958.34        |   | 36,782,801.54 |   | 5,918.24      |
|   | 4,381,729.60  |   | 68,723,415.90 |   | 137,628.40    |   | 21,537.40     |
|   | 5,314.81      |   | 6,302.51      |   | 6,295,043.71  |   | 46,832,058.91 |
|   | 134,250.97    |   | 3,698,041.27  |   | 46,192.07     |   | 9,140.27      |
|   | 56,427,018.35 |   | 49,687.15     |   | 9,681.35      |   | 863,709.45    |
|   | 45,607.89     |   | 753,860.49    |   | 14,352,706.89 |   | 3,517,286.09  |
|   | 9,524.76      |   | 5,976.32      |   | 36,089.12     |   | 6,193.62      |
| + | 6,813,049.62  | + | 45,172,803.96 | + | 975,140.96    | + | 132,405.76    |

## (二) 加减混合

$$\begin{array}{r} \textcircled{1} \quad 92,615,074.83 \\ \quad 41,320.58 \\ - \quad 376,901.84 \\ \quad 832.40 \\ - \quad 5,467.31 \\ 79,613,824.05 \\ \quad 7,512.49 \\ - \quad 259,073.87 \\ \quad 951.76 \\ - \quad 6,985,370.42 \\ \quad 36,206.98 \\ 59,260,418.73 \\ - \quad 125,730.64 \\ - \quad 8,341.50 \\ \quad 8,694,052.31 \\ - \quad 25,109.87 \\ \quad 9,783.15 \\ - \quad 147,260.89 \\ \quad 6,954.72 \\ \hline 4,319,082.56 \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 84,150,926.73 \\ - \quad 382,401.58 \\ \quad 9,368.24 \\ - \quad 23,594.10 \\ \quad 9,378,240.51 \\ - \quad 5,931.67 \\ \quad 798.15 \\ - \quad 172,403.59 \\ \quad 76,859,341.02 \\ \quad 8,270.96 \\ - \quad 36,057.28 \\ \quad 6,841,902.73 \\ \quad 6,381.54 \\ - \quad 137,465.80 \\ \quad 56,498,230.71 \\ \quad 41,906.27 \\ \quad 673.45 \\ - \quad 4,615,820.39 \\ \quad 7,504.62 \\ - \quad 291,078.56 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 97,614,028.53 \\ \quad 49,310.28 \\ - \quad 372,806.94 \\ \quad 431.50 \\ \quad 73,890,245.61 \\ - \quad 5,914.37 \\ - \quad 176,082.49 \\ \quad 9,730.15 \\ - \quad 35,607.82 \\ \quad 5,942,318.06 \\ \quad 6,951.73 \\ - \quad 162,035.48 \\ \quad 6,791,820.34 \\ \quad 564.80 \\ - \quad 25,379.61 \\ \quad 8,412.57 \\ \quad 8,617,023.95 \\ - \quad 284,570.69 \\ - \quad 7,894.52 \\ \hline 42,571,608.36 \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 89,417,506.23 \\ \quad 5,130.48 \\ - \quad 4,859,267.10 \\ \quad 183,095.74 \\ \quad 354.81 \\ 96,314,820.57 \\ - \quad 29,607.15 \\ \quad 6,342.79 \\ - \quad 165,839.02 \\ \quad 284.16 \\ - \quad 7,296,105.43 \\ \quad 42,730.98 \\ \quad 7,869.54 \\ 57,631,482.90 \\ - \quad 324,057.61 \\ \quad 9,138.07 \\ \quad 8,721.35 \\ - \quad 6,482,507.19 \\ \quad 36,940.52 \\ \hline 287,039.46 \end{array}$$

$$\begin{array}{ll} \text{(三) 乘法} \textcircled{1} & 58.041 \times 9.7236 = \\ \textcircled{2} & 3,297.6 \times 5.4108 = \\ \textcircled{3} & 0.03728 \times 46,951 = \\ \textcircled{4} & 76,152 \times 0.08943 = \\ \textcircled{5} & 48,0519 \times 2,361.7 = \\ \textcircled{6} & 659.47 \times 1,308.52 = \\ \textcircled{7} & 9,421,360 \times 8.6574 = \\ \textcircled{8} & 2,384.5 \times 371.6089 = \end{array}$$

$$\begin{array}{ll} \text{(四) 除 法} \textcircled{1} & 81,089.1774 \div 0.92631 = \\ \textcircled{2} & 541,030.97 \div 58,274 = \\ \textcircled{3} & 37,495.4 \div 24,836 = \\ \textcircled{4} & 4,716.17102 \div 0.07583 = \\ \textcircled{5} & 3,377,766.22 \div 864,217 = \\ \textcircled{6} & 4,463,909.2 \div 61,025 = \\ \textcircled{7} & 6,013,137.7 \div 1,529,468 = \\ \textcircled{8} & 23,805,906.5 \div 46,380 = \end{array}$$

# 珠 算 一 级 标 准 题

## (一) 加 法

$$\begin{array}{r}
 \textcircled{1} \quad 718,094,625.73 \\
 \quad 47,180,392.56 \\
 \quad \quad 27,801.35 \\
 159,372,146.08 \\
 \quad 4,603,582.91 \\
 258,914,673.40 \\
 \quad 65,271,068.94 \\
 984,625,310.77 \\
 \quad \quad 593,104.62 \\
 \quad 16,740,852.39 \\
 549,014,728.62 \\
 \quad 32,569,014.87 \\
 \quad 89,325,670.14 \\
 \quad \quad 6,873,149.50 \\
 347,908,253.61 \\
 \quad \quad 3,514.28 \\
 \quad \quad 782,360.95 \\
 \quad 27,631,805.49 \\
 \quad \quad 940,572.83 \\
 + \quad 8,673,159.06 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \textcircled{2} \quad 159,836,270.42 \\
 \quad \quad 725,016.89 \\
 \quad 23,108,759.64 \\
 \quad \quad 4,590,628.17 \\
 319,475,264.30 \\
 \quad \quad 3,107.25 \\
 \quad 43,723,591.06 \\
 276,830,915.43 \\
 \quad 13,694,750.28 \\
 \quad \quad 6,278,034.91 \\
 961,503,481.27 \\
 \quad \quad 869,703.42 \\
 \quad 83,417,265.09 \\
 \quad \quad 41,528.74 \\
 742,136,039.85 \\
 \quad \quad 5,698,724.10 \\
 \quad 69,754,108.23 \\
 \quad \quad 970,635.48 \\
 586,329,850.71 \\
 + \quad 39,416,029.56 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \textcircled{3} \quad 24,581,703.96 \\
 \quad \quad 9,260,185.75 \\
 \quad \quad \quad 492,836.09 \\
 718,936,047.25 \\
 \quad \quad \quad 5,312.48 \\
 \quad 43,259,680.71 \\
 926,713,574.80 \\
 \quad \quad 7,604,159.32 \\
 \quad 32,948,015.67 \\
 521,875,360.94 \\
 \quad 18,659,407.32 \\
 279,430,152.67 \\
 \quad 64,182,730.94 \\
 \quad \quad 8,715,064.29 \\
 325,841,697.30 \\
 \quad \quad 528,901.43 \\
 \quad \quad 45,238.06 \\
 \quad 86,274,053.91 \\
 \quad \quad 619,720.38 \\
 + \quad 168,570,498.15 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \textcircled{4} \quad 4,136,270.85 \\
 \quad \quad 12,498,054.37 \\
 \quad \quad \quad 51,793.02 \\
 247,835,409.16 \\
 \quad 35,720,968.41 \\
 154,063,827.98 \\
 \quad 28,906,714.53 \\
 \quad \quad 6,315,027.49 \\
 318,529,680.14 \\
 \quad \quad 762,913.40 \\
 \quad 41,536,809.72 \\
 524,190,368.27 \\
 \quad \quad 6,275.34 \\
 \quad \quad 67,423,158.09 \\
 794,261,083.65 \\
 \quad \quad 924,671.50 \\
 \quad 89,350,142.76 \\
 \quad \quad 5,467,208.93 \\
 936,185,970.28 \\
 + \quad 837,046.51 \\
 \hline
 \end{array}$$



## (二) 加 减 混 合

$$\begin{aligned} \textcircled{1} & 859,014,726.13 \\ & 13,840,253.76 \\ - & 729,601.45 \\ & 532,473,916.08 \\ - & 4,506,782.51 \\ & 98,435.10 \\ - & 39,621,057.84 \\ & 843,910.67 \\ & 678,390,425.12 \\ - & 5,632,807.49 \\ & 349,207,516.83 \\ - & 23,581,069.76 \\ & 792,635,480.15 \\ & 8,735.28 \\ - & 49,863,257.01 \\ - & 6,719,182.40 \\ & 951,824,706.34 \\ - & 19,450,263.87 \\ & 943,071.62 \\ & 26,378,490.59 \end{aligned}$$

$$\begin{aligned} \textcircled{2} & 931,742,850.69 \\ - & 4,914,035.82 \\ & 12,605,914.37 \\ & 350,827,269.14 \\ - & 762,735.40 \\ - & 29,417,683.01 \\ & 5,724,901.38 \\ & 853,170,264.95 \\ - & 38,097,152.46 \\ & 821,690.53 \\ & 783,694,021.83 \\ - & 45,903,718.26 \\ & 80,637.45 \\ - & 6,315,904.78 \\ & 18,942,563.01 \\ & 683,294,715.60 \\ & 7,628.14 \\ - & 24,738,590.67 \\ & 573,681,049.52 \\ - & 945,807.29 \end{aligned}$$

$$\begin{aligned} \textcircled{3} & 847,015,862.93 \\ & 13,840,925.76 \\ - & 4,621,803.95 \\ & 257,193,614.08 \\ & 704,385.21 \\ - & 29,485,137.60 \\ & 475,128,096.34 \\ & 74,250.17 \\ - & 69,513,748.02 \\ - & 5,328,407.69 \\ & 860,924.13 \\ & 527,904,315.86 \\ - & 78,639,042.15 \\ & 6,527.38 \\ - & 36,598,470.61 \\ & 923,751.80 \\ & 365,671,802.94 \\ - & 92,350,184.67 \\ - & 6,145,039.72 \\ & 197,427,360.80 \end{aligned}$$

$$\begin{aligned} \textcircled{4} & 971,802,546.39 \\ & 4,917,038.52 \\ - & 63,459,210.87 \\ & 5,679.24 \\ & 168,347,925.60 \\ - & 76,528,404.31 \\ - & 5,410,792.68 \\ & 317,024,831.95 \\ - & 731,045.26 \\ & 89,562,170.73 \\ & 68,314.09 \\ & 439,851,907.62 \\ - & 13,400,823.57 \\ & 825,071.34 \\ - & 28,741,653.90 \\ & 594,872,390.81 \\ - & 6,480,152.78 \\ & 936,204.85 \\ & 295,718,063.46 \\ - & 39,452,610.73 \end{aligned}$$

## (三) 乘 法

$$\begin{aligned} \textcircled{1} & 481,975 \times 0.03926 = \\ \textcircled{2} & 23,706 \times 8,956.41 = \\ \textcircled{3} & 38,627.1 \times 94.8035 = \\ \textcircled{4} & 82,1049 \times 36,574.2 = \\ \textcircled{5} & 7,695,810 \times 0.72034 = \\ \textcircled{6} & 0.09153 \times 2,486,157 = \\ \textcircled{7} & 17,850.34 \times 5,672,139 = \\ \textcircled{8} & 60.43598 \times 1,764,298 = \end{aligned}$$

## (四) 除 法

$$\begin{aligned} \textcircled{1} & 791,096.27 \div 570,924 = \\ \textcircled{2} & 2,642,048.7 \div 64,831 = \\ \textcircled{3} & 6,919,862.02 \div 290,547 = \\ \textcircled{4} & 49,198.20128 \div 0.093718 = \\ \textcircled{5} & 3,086,132.61 \div 354,062.9 = \\ \textcircled{6} & 8,107,778.18 \div 8,761.3 = \\ \textcircled{7} & 3,351,663,825 \div 4,918,520 = \\ \textcircled{8} & 263,312,690.4 \div 739,461.2 = \end{aligned}$$