

CAI JING ZHU SUAN JIAO CHENG YI TI JI

财经珠算教程

习题集

主 编 周佩明

副主编 王银坤
杨鸿忠



中国商业出版社

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前 言

《财经珠算教程(习题集)》是《财经珠算教程》的配套教材。是财经部门的工作人员大中专院校财经专业的学生以及珠算初学者学习珠算基本知识,掌握珠算运算基本技能必不可少的习题集和训练册,是珠算爱好者提高珠算水平的很好资料。

《财经珠算教程(习题集)》是按照珠算学习的程序,从加减到乘除,从简单到复杂而编写的。主要介绍了数字的书写、加减拨珠、乘除训练、综合题训练,最后编有普通级(1-6),能手级等级鉴定题模拟。

本书由周佩明同志担任主编并负责总纂,王银坤、杨鸿忠担任副主编。参加编写人员有:周佩明、王银坤、杨鸿忠、李伟华、赵亚珊、孙国民、鞠红。

由于科学不断发展,相关知识互相促进,书中仍有不妥之处,恳请广大读者给予批评指正以利充实和改进。

编者

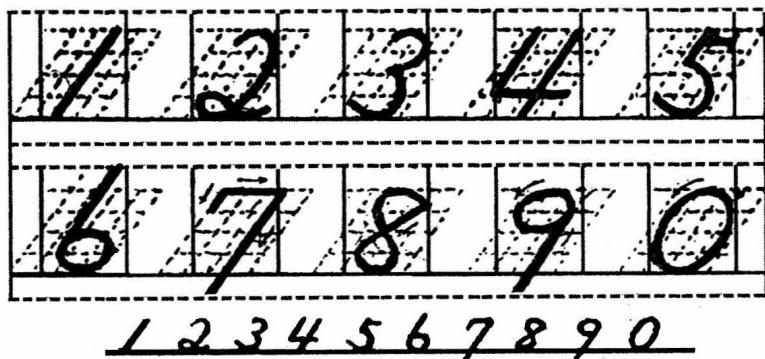
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一、数字的书写与订正

(一)标准阿拉伯的数字字体



容易错乱的数字

1	Σ	7
7	Σ	9
0	Σ	2

3	Σ	5
5	Σ	8
4	—	6

(二)标准汉字大写数字

基数词:零 壹 贰 叁 肆 伍 陆 柒 捌 玖

数位词:拾 佰 仟 万 亿 元 整

(三)标准汉字小写数字

基数词:一 二 三 四 五 六 七 八 九 十

数位词:十 百 千 万 亿 元 整

(四)判断大写数字及数位词的正确与错误

(正确的在括号内打“√”符号,不正确的在括号内改正)

壶() 贰() 参() 肆() 伍() 陆() 柒()

捌() 玖() 拾() 零() 伯() 千() 万()

亿() 乙() 角() 圆() 柴() 元() 壹()

(五)下列各题均不正确,请在各题后面按正确规则书写

1.人民币拾元整

2.伍拾陆元整

3.人民币捌仟元

4.人民币陆仟零零贰元整

5.人民币七十六元整

6.人民币零点伍元整

(六)用大小写金额表示

1.人民币壹佰叁拾伍元贰角玖分

11. ¥ 0.09

2.人民币叁仟肆佰壹拾陆元整

12. ¥ 0.74

3.人民币玖拾陆元肆角整

13. ¥ 17.00

4.人民币壹拾伍元肆角伍分

14. ¥ 69.43

5.人民币叁仟零捌元整

15. ¥ 5,006.00

6.人民币陆分

16. ¥ 30,000.00

7.人民币壹拾亿元整

17. ¥ 400,000.19

8.人民币玖拾陆元柒角贰分

18. ¥ 7,000.00

9.人民币陆万元整

19. ¥ 10.08

10.人民币贰角捌分

20. ¥ 26,000.10

(七)订正错误数字的式样

不合规定的订正方法									
						6	8	4	3
						6	8	4	2
						1	3	7	4
						1	5	7	4
						2	1	9	3
						2	1	4	0
						7	8	4	0
						5	2	0	0
5	2					5	2	0	0

合规定的订正方法									
						6	8	4	3
						6	8	4	2
						1	3	7	4
						1	5	7	4
						2	1	9	3
						2	1	4	0
						7	8	4	0
						7	6	4	0
						5	2	0	0
5	2	0	0	0	0	0	0	0	0

二、加 算

(一)直接加法练习

要求熟练掌握直接加法的 35 种情况,注意拨珠指法,执笔反复拨算下列各题:

直接加法的 35 种情况:

$0+1, 0+2, 0+3, 0+4, 0+5, 0+6, 0+7, 0+8, 0+9, 1+1, 1+2, 1+3, 1+5, 1+6,$
 $1+7, 1+8, 2+1, 2+2, 2+5, 2+6, 2+7, 3+1, 3+5, 3+6, 4+5, 5+1, 5+2, 5+3,$
 $5+4, 6+1, 6+2, 6+3, 7+1, 7+2, 8+1。$

1. ① $\begin{array}{r} 21 \\ 17 \end{array}$ ② $\begin{array}{r} 36 \\ 53 \end{array}$ ③ $\begin{array}{r} 65 \\ 14 \end{array}$ ④ $\begin{array}{r} 54 \\ 35 \end{array}$ ⑤ $\begin{array}{r} 71 \\ 18 \end{array}$ ⑥ $\begin{array}{r} 81 \\ 16 \end{array}$ ⑦ $\begin{array}{r} 12 \\ 37 \end{array}$ ⑧ $\begin{array}{r} 23 \\ 56 \end{array}$ ⑨ $\begin{array}{r} 62 \\ 16 \end{array}$ ⑩ $\begin{array}{r} 32 \\ 57 \end{array}$ ⑪ $\begin{array}{r} 43 \\ 51 \end{array}$ ⑫ $\begin{array}{r} 74 \\ 25 \end{array}$

2. ① $\begin{array}{r} 307 \\ 571 \end{array}$ ② $\begin{array}{r} 613 \\ 226 \end{array}$ ③ $\begin{array}{r} 415 \\ 572 \end{array}$ ④ $\begin{array}{r} 501 \\ 165 \end{array}$ ⑤ $\begin{array}{r} 714 \\ 185 \end{array}$ ⑥ $\begin{array}{r} 165 \\ 614 \end{array}$ ⑦ $\begin{array}{r} 892 \\ 107 \end{array}$ ⑧ $\begin{array}{r} 810 \\ 189 \end{array}$ ⑨ $\begin{array}{r} 782 \\ 116 \end{array}$ ⑩ $\begin{array}{r} 604 \\ 325 \end{array}$

3. ① $\begin{array}{r} 4\ 038 \\ 5\ 811 \end{array}$ ② $\begin{array}{r} 6\ 157 \\ 1\ 622 \end{array}$ ③ $\begin{array}{r} 5\ 902 \\ 3\ 065 \end{array}$ ④ $\begin{array}{r} 1\ 628 \\ 1\ 250 \end{array}$ ⑤ $\begin{array}{r} 3\ 015 \\ 1\ 402 \end{array}$ ⑥ $\begin{array}{r} 4\ 106 \\ 5\ 092 \end{array}$ ⑦ $\begin{array}{r} 1\ 942 \\ 3\ 055 \end{array}$ ⑧ $\begin{array}{r} 7\ 156 \\ 1\ 632 \end{array}$ ⑨ $\begin{array}{r} 6\ 123 \\ 3\ 215 \end{array}$

4. ① $\begin{array}{r} 136\ 472 \\ 253\ 507 \end{array}$ ② $\begin{array}{r} 609\ 524 \\ 180\ 215 \end{array}$ ③ $\begin{array}{r} 713\ 502 \\ 265\ 417 \end{array}$ ④ $\begin{array}{r} 607\ 159 \\ 192\ 840 \end{array}$ ⑤ $\begin{array}{r} 824\ 056 \\ 165\ 213 \end{array}$ ⑥ $\begin{array}{r} 347\ 089 \\ 152\ 710 \end{array}$

⑦ $\begin{array}{r} 403\ 825 \\ 61\ 024 \end{array}$ ⑧ $\begin{array}{r} 915\ 204 \\ 31\ 655 \end{array}$ ⑨ $\begin{array}{r} 615\ 428 \\ 31\ 655 \end{array}$ ⑩ $\begin{array}{r} 436\ 598 \\ 512\ 401 \end{array}$ ⑪ $\begin{array}{r} 713\ 504 \\ 20\ 455 \end{array}$ ⑫ $\begin{array}{r} 615\ 238 \\ 314\ 051 \end{array}$

5. ① $\begin{array}{r} 5\ 038.26 \\ 1\ 810.53 \end{array}$ ② $\begin{array}{r} 6\ 107.32 \\ 2\ 342.57 \end{array}$ ③ $\begin{array}{r} 4\ 215.48 \\ 5\ 234.51 \end{array}$ ④ $\begin{array}{r} 6\ 159.51 \\ 3\ 240.48 \end{array}$ ⑤ $\begin{array}{r} 5\ 024.65 \\ 3\ 545.13 \end{array}$ ⑥ $\begin{array}{r} 1\ 028.54 \\ 6\ 751.35 \end{array}$

⑦ $\begin{array}{r} 8\ 034.45 \\ 1\ 450.54 \end{array}$ ⑧ $\begin{array}{r} 9\ 159.26 \\ 230.61 \end{array}$ ⑨ $\begin{array}{r} 2\ 150.37 \\ 6\ 345.52 \end{array}$ ⑩ $\begin{array}{r} 5\ 034.56 \\ 4\ 355.42 \end{array}$ ⑪ $\begin{array}{r} 3\ 809.24 \\ 1\ 140.25 \end{array}$ ⑫ $\begin{array}{r} 6\ 159.35 \\ 1\ 240.14 \end{array}$

(二) 满五加法练习

要求熟练掌握满五加法的 10 种情况, 注意拨珠指法, 执笔反复拨算下列各题:

满五加法的 10 种情况:

$1+4, 2+3, 2+4, 3+2, 3+3, 3+4, 4+1, 4+2, 4+3, 4+4$

1. ① $\begin{array}{r} 34 \\ 31 \\ \hline \end{array}$ ② $\begin{array}{r} 21 \\ 44 \\ \hline \end{array}$ ③ $\begin{array}{r} 31 \\ 44 \\ \hline \end{array}$ ④ $\begin{array}{r} 52 \\ 13 \\ \hline \end{array}$ ⑤ $\begin{array}{r} 24 \\ 32 \\ \hline \end{array}$ ⑥ $\begin{array}{r} 13 \\ 43 \\ \hline \end{array}$ ⑦ $\begin{array}{r} 41 \\ 45 \\ \hline \end{array}$ ⑧ $\begin{array}{r} 32 \\ 23 \\ \hline \end{array}$ ⑨ $\begin{array}{r} 23 \\ 43 \\ \hline \end{array}$ ⑩ $\begin{array}{r} 43 \\ 14 \\ \hline \end{array}$

2. ① $\begin{array}{r} 403 \\ 254 \\ \hline \end{array}$ ② $\begin{array}{r} 214 \\ 341 \\ \hline \end{array}$ ③ $\begin{array}{r} 324 \\ 243 \\ \hline \end{array}$ ④ $\begin{array}{r} 113 \\ 442 \\ \hline \end{array}$ ⑤ $\begin{array}{r} 412 \\ 344 \\ \hline \end{array}$ ⑥ $\begin{array}{r} 301 \\ 454 \\ \hline \end{array}$ ⑦ $\begin{array}{r} 441 \\ 124 \\ \hline \end{array}$ ⑧ $\begin{array}{r} 513 \\ 143 \\ \hline \end{array}$ ⑨ $\begin{array}{r} 443 \\ 123 \\ \hline \end{array}$

3. ① $\begin{array}{r} 1\ 134 \\ 4\ 423 \\ \hline \end{array}$ ② $\begin{array}{r} 2\ 013 \\ 3\ 442 \\ \hline \end{array}$ ③ $\begin{array}{r} 4\ 132 \\ 1\ 443 \\ \hline \end{array}$ ④ $\begin{array}{r} 3\ 045 \\ 2\ 441 \\ \hline \end{array}$ ⑤ $\begin{array}{r} 2\ 342 \\ 3\ 444 \\ \hline \end{array}$ ⑥ $\begin{array}{r} 4\ 134 \\ 4\ 421 \\ \hline \end{array}$

4. ① $\begin{array}{r} 231.34 \\ 434.32 \\ \hline \end{array}$ ② $\begin{array}{r} 403.23 \\ 344.43 \\ \hline \end{array}$ ③ $\begin{array}{r} 441.23 \\ 144.23 \\ \hline \end{array}$ ④ $\begin{array}{r} 213.42 \\ 344.14 \\ \hline \end{array}$ ⑤ $\begin{array}{r} 411.42 \\ 144.43 \\ \hline \end{array}$

5. ① $\begin{array}{r} 42\ 134 \\ 24\ 434 \\ \hline \end{array}$ ② $\begin{array}{r} 32\ 143 \\ 43\ 134 \\ \hline \end{array}$ ③ $\begin{array}{r} 41\ 024 \\ 24\ 145 \\ \hline \end{array}$ ④ $\begin{array}{r} 24\ 132 \\ 34\ 423 \\ \hline \end{array}$ ⑤ $\begin{array}{r} 43\ 142 \\ 42\ 434 \\ \hline \end{array}$

⑥ $\begin{array}{r} 34\ 442 \\ 21\ 143 \\ \hline \end{array}$ ⑦ $\begin{array}{r} 43\ 143 \\ 14\ 423 \\ \hline \end{array}$ ⑧ $\begin{array}{r} 40\ 342 \\ 34\ 214 \\ \hline \end{array}$ ⑨ $\begin{array}{r} 21\ 423 \\ 14\ 243 \\ \hline \end{array}$ ⑩ $\begin{array}{r} 44\ 123 \\ 24\ 434 \\ \hline \end{array}$

⑪ $\begin{array}{r} 351.42 \\ 214.24 \\ \hline \end{array}$ ⑫ $\begin{array}{r} 413.21 \\ 143.44 \\ \hline \end{array}$ ⑬ $\begin{array}{r} 214.43 \\ 344.34 \\ \hline \end{array}$ ⑭ $\begin{array}{r} 514.23 \\ 243.42 \\ \hline \end{array}$ ⑮ $\begin{array}{r} 214.24 \\ 443.34 \\ \hline \end{array}$

⑯ $\begin{array}{r} 431.54 \\ 134.23 \\ \hline \end{array}$ ⑰ $\begin{array}{r} 241.34 \\ 414.32 \\ \hline \end{array}$ ⑱ $\begin{array}{r} 254.34 \\ 341.43 \\ \hline \end{array}$ ⑲ $\begin{array}{r} 214.31 \\ 443.24 \\ \hline \end{array}$ ⑳ $\begin{array}{r} 414.23 \\ 243.42 \\ \hline \end{array}$

㉑ $\begin{array}{r} 213.54 \\ 344.23 \\ \hline \end{array}$ ㉒ $\begin{array}{r} 423.31 \\ 142.44 \\ \hline \end{array}$ ㉓ $\begin{array}{r} 241.24 \\ 344.32 \\ \hline \end{array}$ ㉔ $\begin{array}{r} 413.31 \\ 143.24 \\ \hline \end{array}$ ㉕ $\begin{array}{r} 542.41 \\ 134.24 \\ \hline \end{array}$

6. ① $\begin{array}{r} 234\ 441 \\ 423\ 414 \\ \hline \end{array}$ ② $\begin{array}{r} 123\ 432 \\ 442\ 343 \\ \hline \end{array}$ ③ $\begin{array}{r} 414\ 423 \\ 243\ 144 \\ \hline \end{array}$ ④ $\begin{array}{r} 213\ 432 \\ 423\ 443 \\ \hline \end{array}$ ⑤ $\begin{array}{r} 413\ 334 \\ 144\ 234 \\ \hline \end{array}$
- ⑥ $\begin{array}{r} 3\ 234.24 \\ 4\ 341.43 \\ \hline \end{array}$ ⑦ $\begin{array}{r} 4\ 314.34 \\ 2\ 434.23 \\ \hline \end{array}$ ⑧ $\begin{array}{r} 2\ 144.41 \\ 4\ 413.24 \\ \hline \end{array}$ ⑨ $\begin{array}{r} 4\ 444.34 \\ 2\ 123.34 \\ \hline \end{array}$ ⑩ $\begin{array}{r} 214\ 343 \\ 441\ 243 \\ \hline \end{array}$
7. ① $\begin{array}{r} 24\ 234.41 \\ 42\ 341.24 \\ \hline \end{array}$ ② $\begin{array}{r} 31\ 434.24 \\ 24\ 143.42 \\ \hline \end{array}$ ③ $\begin{array}{r} 24\ 341.34 \\ 34\ 244.41 \\ \hline \end{array}$ ④ $\begin{array}{r} 44\ 444.44 \\ 13\ 243.23 \\ \hline \end{array}$
- ⑤ $\begin{array}{r} 1\ 341\ 434 \\ 4\ 244\ 341 \\ \hline \end{array}$ ⑥ $\begin{array}{r} 2\ 434\ 244 \\ 4\ 243\ 412 \\ \hline \end{array}$ ⑦ $\begin{array}{r} 1\ 341\ 434 \\ 4\ 214\ 324 \\ \hline \end{array}$ ⑧ $\begin{array}{r} 2\ 431\ 443 \\ 4\ 134\ 244 \\ \hline \end{array}$
8. ① $\begin{array}{r} 20\ 431\ 243 \\ 42\ 344\ 143 \\ \hline \end{array}$ ② $\begin{array}{r} 31\ 414\ 234 \\ 24\ 144\ 304 \\ \hline \end{array}$ ③ $\begin{array}{r} 43\ 244\ 143 \\ 14\ 214\ 034 \\ \hline \end{array}$
- ④ $\begin{array}{r} 31\ 444\ 231 \\ 42\ 343\ 434 \\ \hline \end{array}$ ⑤ $\begin{array}{r} 42\ 344\ 214 \\ 24\ 141\ 343 \\ \hline \end{array}$ ⑥ $\begin{array}{r} 34\ 443\ 244 \\ 21\ 424\ 341 \\ \hline \end{array}$
9. ① $\begin{array}{r} 243\ 433.24 \\ 434\ 143.42 \\ \hline \end{array}$ ② $\begin{array}{r} 243\ 133.21 \\ 414\ 344.43 \\ \hline \end{array}$ ③ $\begin{array}{r} 424\ 344.43 \\ 241\ 413.34 \\ \hline \end{array}$
- ④ $\begin{array}{r} 343\ 434.22 \\ 414\ 123.34 \\ \hline \end{array}$ ⑤ $\begin{array}{r} 424\ 134.41 \\ 243\ 432.14 \\ \hline \end{array}$ ⑥ $\begin{array}{r} 241\ 343.44 \\ 344\ 243.13 \\ \hline \end{array}$
- ⑦ $\begin{array}{r} 503\ 423.24 \\ 142\ 342.41 \\ \hline \end{array}$ ⑧ $\begin{array}{r} 405\ 234.01 \\ 153\ 421.54 \\ \hline \end{array}$ ⑨ $\begin{array}{r} 241\ 423.32 \\ 324\ 143.44 \\ \hline \end{array}$
- ⑩ $\begin{array}{r} 414\ 343.23 \\ 243\ 214.42 \\ \hline \end{array}$ ⑪ $\begin{array}{r} 514\ 023.42 \\ 341\ 434.34 \\ \hline \end{array}$ ⑫ $\begin{array}{r} 405\ 412.43 \\ 434\ 243.34 \\ \hline \end{array}$
- ⑬ $\begin{array}{r} 314\ 412.42 \\ 243\ 144.34 \\ \hline \end{array}$ ⑭ $\begin{array}{r} 405\ 312.23 \\ 153\ 243.43 \\ \hline \end{array}$ ⑮ $\begin{array}{r} 213\ 432.14 \\ 442\ 244.41 \\ \hline \end{array}$

(三)进十加法练习

要求熟练掌握进十加法的 35 种情况,注意拨珠指法,执笔反复拨算下列各题:

进十加的 35 种情况:

1 + 9, 2 + 9, 3 + 9, 4 + 9, 6 + 9, 7 + 9, 8 + 9, 9 + 9, 2 + 8, 3 + 8, 4 + 8, 7 + 8, 8 + 8, 9 + 8,
3 + 7, 4 + 7, 8 + 7, 9 + 7, 4 + 6, 9 + 6, 5 + 5, 6 + 5, 7 + 5, 8 + 5, 9 + 5, 6 + 4, 7 + 4, 8 + 4,
9 + 4, 7 + 3, 8 + 3, 9 + 3, 9 + 2, 8 + 2, 9 + 1

1. ① $\begin{array}{r} 34 \\ 97 \end{array}$ ② $\begin{array}{r} 93 \\ 28 \end{array}$ ③ $\begin{array}{r} 46 \\ 54 \end{array}$ ④ $\begin{array}{r} 85 \\ 25 \end{array}$ ⑤ $\begin{array}{r} 63 \\ 39 \end{array}$ ⑥ $\begin{array}{r} 74 \\ 47 \end{array}$ ⑦ $\begin{array}{r} 81 \\ 29 \end{array}$ ⑧ $\begin{array}{r} 92 \\ 99 \end{array}$ ⑨ $\begin{array}{r} 35 \\ 85 \end{array}$ ⑩ $\begin{array}{r} 42 \\ 98 \end{array}$

2. ① $\begin{array}{r} 345 \\ 765 \end{array}$ ② $\begin{array}{r} 692 \\ 308 \end{array}$ ③ $\begin{array}{r} 487 \\ 514 \end{array}$ ④ $\begin{array}{r} 615 \\ 595 \end{array}$ ⑤ $\begin{array}{r} 346 \\ 874 \end{array}$ ⑥ $\begin{array}{r} 745 \\ 355 \end{array}$ ⑦ $\begin{array}{r} 836 \\ 274 \end{array}$ ⑧ $\begin{array}{r} 906 \\ 194 \end{array}$

3. ① $\begin{array}{r} 47.25 \\ 62.85 \end{array}$ ② $\begin{array}{r} 36.58 \\ 73.42 \end{array}$ ③ $\begin{array}{r} 65.42 \\ 35.69 \end{array}$ ④ $\begin{array}{r} 37.09 \\ 62.91 \end{array}$ ⑤ $\begin{array}{r} 48.61 \\ 71.39 \end{array}$ ⑥ $\begin{array}{r} 43.58 \\ 49.52 \end{array}$

⑦ $\begin{array}{r} 2\ 346 \\ 8\ 655 \end{array}$ ⑧ $\begin{array}{r} 5\ 163 \\ 4\ 838 \end{array}$ ⑨ $\begin{array}{r} 7\ 364 \\ 2\ 637 \end{array}$ ⑩ $\begin{array}{r} 2\ 915 \\ 5\ 695 \end{array}$ ⑪ $\begin{array}{r} 6\ 347 \\ 4\ 763 \end{array}$ ⑫ $\begin{array}{r} 9\ 528 \\ 1\ 509 \end{array}$

⑬ $\begin{array}{r} 1\ 436 \\ 9\ 874 \end{array}$ ⑭ $\begin{array}{r} 5\ 678 \\ 4\ 524 \end{array}$ ⑮ $\begin{array}{r} 3\ 465 \\ 9\ 855 \end{array}$ ⑯ $\begin{array}{r} 9\ 065 \\ 9\ 945 \end{array}$ ⑰ $\begin{array}{r} 4\ 659 \\ 7\ 945 \end{array}$ ⑱ $\begin{array}{r} 6\ 457 \\ 3\ 754 \end{array}$

⑲ $\begin{array}{r} 2\ 596 \\ 9\ 425 \end{array}$ ⑳ $\begin{array}{r} 4\ 238 \\ 7\ 983 \end{array}$ ㉑ $\begin{array}{r} 6\ 154 \\ 5\ 956 \end{array}$ ㉒ $\begin{array}{r} 7\ 043 \\ 8\ 959 \end{array}$ ㉓ $\begin{array}{r} 5\ 468 \\ 4\ 753 \end{array}$ ㉔ $\begin{array}{r} 6\ 107 \\ 3\ 895 \end{array}$

㉕ $\begin{array}{r} 2\ 945 \\ 9\ 565 \end{array}$ ㉖ $\begin{array}{r} 3\ 856 \\ 7\ 354 \end{array}$ ㉗ $\begin{array}{r} 4\ 938 \\ 5\ 784 \end{array}$ ㉘ $\begin{array}{r} 3\ 106 \\ 6\ 995 \end{array}$ ㉙ $\begin{array}{r} 4\ 529 \\ 5\ 496 \end{array}$ ㉚ $\begin{array}{r} 7\ 083 \\ 3\ 929 \end{array}$

4. ① $\begin{array}{r} 23\ 497 \\ 97\ 783 \end{array}$	② $\begin{array}{r} 35\ 824 \\ 65\ 387 \end{array}$	③ $\begin{array}{r} 49\ 508 \\ 50\ 493 \end{array}$	④ $\begin{array}{r} 89\ 271 \\ 42\ 549 \end{array}$	⑤ $\begin{array}{r} 30\ 476 \\ 89\ 545 \end{array}$
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⑥ $\begin{array}{r} 769.52 \\ 248.49 \end{array}$	⑦ $\begin{array}{r} 834.73 \\ 167.28 \end{array}$	⑧ $\begin{array}{r} 903.45 \\ 197.65 \end{array}$	⑨ $\begin{array}{r} 297.81 \\ 708.39 \end{array}$	⑩ $\begin{array}{r} 413.76 \\ 909.89 \end{array}$
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5. ① $\begin{array}{r} 394\ 267 \\ 605\ 843 \end{array}$	② $\begin{array}{r} 428\ 536 \\ 581\ 474 \end{array}$	③ $\begin{array}{r} 908\ 476 \\ 293\ 729 \end{array}$	④ $\begin{array}{r} 753\ 829 \\ 248\ 192 \end{array}$
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⑤ $\begin{array}{r} 3\ 854.26 \\ 6\ 146.74 \end{array}$	⑥ $\begin{array}{r} 4\ 915.27 \\ 5\ 095.74 \end{array}$	⑦ $\begin{array}{r} 9\ 306.57 \\ 1\ 695.43 \end{array}$	⑧ $\begin{array}{r} 7\ 298.69 \\ 2\ 917.42 \end{array}$
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6. ① $\begin{array}{r} 3\ 894\ 572 \\ 9\ 028\ 529 \end{array}$	② $\begin{array}{r} 1\ 609\ 287 \\ 8\ 297\ 814 \end{array}$	③ $\begin{array}{r} 4\ 583\ 789 \\ 2\ 437\ 452 \end{array}$	④ $\begin{array}{r} 6\ 015\ 873 \\ 9\ 895\ 427 \end{array}$
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⑤ $\begin{array}{r} 29\ 436.45 \\ 72\ 084.55 \end{array}$	⑥ $\begin{array}{r} 48\ 302.56 \\ 72\ 997.49 \end{array}$	⑦ $\begin{array}{r} 91\ 367.52 \\ 38\ 934.48 \end{array}$	⑧ $\begin{array}{r} 47\ 208.73 \\ 63\ 791.39 \end{array}$
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7. ① $\begin{array}{r} 72\ 469\ 583 \\ 29\ 645\ 417 \end{array}$	② $\begin{array}{r} 61\ 594\ 231 \\ 39\ 408\ 799 \end{array}$	③ $\begin{array}{r} 48\ 906\ 547 \\ 92\ 894\ 573 \end{array}$
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④ $\begin{array}{r} 498\ 654.37 \\ 724\ 547.83 \end{array}$	⑤ $\begin{array}{r} 615\ 083.74 \\ 395\ 927.26 \end{array}$	⑥ $\begin{array}{r} 207\ 593.31 \\ 893\ 406.79 \end{array}$
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⑦ $\begin{array}{r} 542\ 619.48 \\ 459\ 387.53 \end{array}$	⑧ $\begin{array}{r} 954\ 235.59 \\ 145\ 794.43 \end{array}$	⑨ $\begin{array}{r} 615\ 328.74 \\ 394\ 784.48 \end{array}$
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⑩ $\begin{array}{r} 605\ 428.37 \\ 494\ 579.64 \end{array}$	⑪ $\begin{array}{r} 714\ 235.46 \\ 396\ 764.85 \end{array}$	⑫ $\begin{array}{r} 617\ 536.46 \\ 492\ 475.59 \end{array}$
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⑬ $\begin{array}{r} 670\ 245.47 \\ 529\ 784.63 \end{array}$	⑭ $\begin{array}{r} 107\ 293.24 \\ 992\ 789.76 \end{array}$	⑮ $\begin{array}{r} 724\ 543.57 \\ 285\ 497.44 \end{array}$
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8. ① $\begin{array}{r} 3\,426.59 \\ \underline{795.42} \end{array}$	② $\begin{array}{r} 4\,387.24 \\ \underline{634.86} \end{array}$	③ $\begin{array}{r} 6\,159.87 \\ \underline{9\,042.34} \end{array}$	④ $\begin{array}{r} 9\,037.46 \\ \underline{964.59} \end{array}$
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⑤ $\begin{array}{r} 402\,537 \\ \underline{897\,483} \end{array}$	⑥ $\begin{array}{r} 690\,217 \\ \underline{908\,994} \end{array}$	⑦ $\begin{array}{r} 702\,159 \\ \underline{98\,857} \end{array}$	⑧ $\begin{array}{r} 804\,201 \\ \underline{96\,799} \end{array}$
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9. ① $\begin{array}{r} 1\,402\,893 \\ \underline{798\,217} \end{array}$	② $\begin{array}{r} 8\,016\,297 \\ \underline{989\,713} \end{array}$	③ $\begin{array}{r} 4\,852\,376 \\ \underline{857\,634} \end{array}$
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④ $\begin{array}{r} 60\,327.54 \\ \underline{98\,678.47} \end{array}$	⑤ $\begin{array}{r} 79,802.31 \\ \underline{20,297.69} \end{array}$	⑥ $\begin{array}{r} 46\,287.62 \\ \underline{73\,892.59} \end{array}$
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⑦ $\begin{array}{r} 92\,106.83 \\ \underline{97\,893.28} \end{array}$	⑧ $\begin{array}{r} 79\,234.54 \\ \underline{90\,767.56} \end{array}$	⑨ $\begin{array}{r} 28\,601.68 \\ \underline{79\,598.43} \end{array}$
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10. ① $\begin{array}{r} 76\,283\,609 \\ \underline{29\,737\,492} \end{array}$	② $\begin{array}{r} 27\,608\,432 \\ \underline{95\,493\,679} \end{array}$	③ $\begin{array}{r} 47\,805\,763 \\ \underline{52\,495\,238} \end{array}$
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④ $\begin{array}{r} 428\,607.89 \\ \underline{93\,982.34} \end{array}$	⑤ $\begin{array}{r} 607\,286.14 \\ \underline{92\,915.86} \end{array}$	⑥ $\begin{array}{r} 806\,417.26 \\ \underline{93\,894.48} \end{array}$
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⑦ $\begin{array}{r} 569\,387.65 \\ \underline{40\,928.55} \end{array}$	⑧ $\begin{array}{r} 706\,594.38 \\ \underline{93\,456.77} \end{array}$	⑨ $\begin{array}{r} 653\,016.73 \\ \underline{48\,983.48} \end{array}$
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⑩ $\begin{array}{r} 692\,743.46 \\ \underline{49\,287.65} \end{array}$	⑪ $\begin{array}{r} 714\,059.26 \\ \underline{89\,946.75} \end{array}$	⑫ $\begin{array}{r} 147\,296.37 \\ \underline{52\,943.84} \end{array}$
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⑬ $\begin{array}{r} 141\,593.26 \\ \underline{89\,427.94} \end{array}$	⑭ $\begin{array}{r} 607\,589.37 \\ \underline{92\,436.78} \end{array}$	⑮ $\begin{array}{r} 610\,528.07 \\ \underline{98\,493.93} \end{array}$
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⑯ $\begin{array}{r} 430\,258.69 \\ \underline{79\,854.37} \end{array}$	⑰ $\begin{array}{r} 604\,315.43 \\ \underline{95\,694.58} \end{array}$	⑱ $\begin{array}{r} 715\,209.42 \\ \underline{94\,998.98} \end{array}$
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(四) 破五进十加法练习

要求熟练掌握破五进十加的 10 种情况, 注意拨珠指法, 执笔反复拨算下列各题:

破五进十加的 10 种情况:

$5+6, 5+7, 5+8, 5+9, 6+6, 6+7, 6+8, 7+6, 7+7, 8+6$

1. $\begin{array}{r} \textcircled{1} 56 \\ 67 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{2} 67 \\ 66 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{3} 75 \\ 69 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{4} 86 \\ 67 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{5} 85 \\ 68 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{6} 58 \\ 87 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{7} 88 \\ 65 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{8} 87 \\ 66 \\ \hline \end{array}$

2. $\begin{array}{r} \textcircled{1} 567 \\ 685 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{2} 678 \\ 576 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{3} 789 \\ 755 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{4} 597 \\ 656 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{5} 675 \\ 769 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{6} 758 \\ 696 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{7} 658 \\ 796 \\ \hline \end{array}$

3. $\begin{array}{r} \textcircled{1} 5\ 678 \\ 6\ 776 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{2} 6\ 758 \\ 7\ 696 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{3} 9\ 568 \\ 5\ 786 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{4} 7\ 658 \\ 6\ 896 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{5} 8\ 576 \\ 6\ 676 \\ \hline \end{array}$

$\begin{array}{r} \textcircled{6} 67.85 \\ 86.69 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{7} 59.86 \\ 90.07 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{8} 75.89 \\ 79.65 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{9} 66.78 \\ 67.66 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{10} 86.67 \\ 67.76 \\ \hline \end{array}$

4. $\begin{array}{r} \textcircled{1} 567.87 \\ 867.66 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{2} 667.89 \\ 767.65 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{3} 866.57 \\ 678.97 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{4} 769.85 \\ 675.68 \\ \hline \end{array}$

$\begin{array}{r} \textcircled{5} 766.58 \\ 678.96 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{6} 666.55 \\ 678.98 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{7} 676.87 \\ 678.67 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{8} 767.89 \\ 677.65 \\ \hline \end{array}$

$\begin{array}{r} \textcircled{9} 65\ 965 \\ 79\ 578 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{10} 59\ 876 \\ 65\ 678 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{11} 65\ 776 \\ 89\ 678 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{12} 87\ 596 \\ 67\ 958 \\ \hline \end{array}$

$\begin{array}{r} \textcircled{13} 57\ 659 \\ 96\ 785 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{14} 65\ 567 \\ 67\ 786 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{15} 75\ 656 \\ 76\ 877 \\ \hline \end{array}$ $\begin{array}{r} \textcircled{16} 85\ 657 \\ 56\ 787 \\ \hline \end{array}$

$$\begin{array}{r} 5. \quad ① \ 676 \ 895 \\ \quad \underline{667 \ 657} \end{array}$$

$$\begin{array}{r} ② \ 956 \ 675 \\ \quad \underline{567 \ 786} \end{array}$$

$$\begin{array}{r} ③ \ 769 \ 556 \\ \quad \underline{679 \ 678} \end{array}$$

$$\begin{array}{r} ④ \ 555 \ 667 \\ \quad \underline{678 \ 677} \end{array}$$

$$\begin{array}{r} ⑤ \ 766 \ 578 \\ \quad \underline{567 \ 676} \end{array}$$

$$\begin{array}{r} ⑥ \ 876 \ 656 \\ \quad \underline{667 \ 798} \end{array}$$

$$\begin{array}{r} ⑦ \ 678 \ 556 \\ \quad \underline{676 \ 678} \end{array}$$

$$\begin{array}{r} ⑧ \ 567 \ 789 \\ \quad \underline{857 \ 095} \end{array}$$

$$\begin{array}{r} ⑨ \ 867 \ 765 \\ \quad \underline{676 \ 679} \end{array}$$

$$\begin{array}{r} ⑩ \ 6 \ 557. \ 89 \\ \quad \underline{7 \ 896. \ 65} \end{array}$$

$$\begin{array}{r} ⑪ \ 7 \ 676. \ 95 \\ \quad \underline{6 \ 787. \ 09} \end{array}$$

$$\begin{array}{r} ⑫ \ 6 \ 775. \ 56 \\ \quad \underline{8 \ 067. \ 88} \end{array}$$

$$\begin{array}{r} ⑬ \ 5 \ 676. \ 59 \\ \quad \underline{8 \ 678. \ 99} \end{array}$$

$$\begin{array}{r} ⑭ \ 6 \ 565. \ 89 \\ \quad \underline{6 \ 789. \ 65} \end{array}$$

$$\begin{array}{r} ⑮ \ 7 \ 667. \ 69 \\ \quad \underline{6 \ 789. \ 85} \end{array}$$

$$\begin{array}{r} ⑯ \ 7 \ 656. \ 55 \\ \quad \underline{6 \ 867. \ 67} \end{array}$$

$$\begin{array}{r} ⑰ \ 6 \ 566. \ 57 \\ \quad \underline{7 \ 867. \ 77} \end{array}$$

$$\begin{array}{r} ⑱ \ 5 \ 675. \ 67 \\ \quad \underline{6 \ 768. \ 67} \end{array}$$

$$\begin{array}{r} ⑲ \ 7 \ 876. \ 56 \\ \quad \underline{7 \ 567. \ 86} \end{array}$$

$$\begin{array}{r} ⑳ \ 9 \ 567. \ 57 \\ \quad \underline{1 \ 676. \ 86} \end{array}$$

$$\begin{array}{r} ㉑ \ 6 \ 768. \ 58 \\ \quad \underline{7 \ 676. \ 85} \end{array}$$

$$\begin{array}{r} ㉒ \ 5 \ 966. \ 56 \\ \quad \underline{8 \ 167. \ 86} \end{array}$$

$$\begin{array}{r} ㉓ \ 6 \ 059. \ 67 \\ \quad \underline{7 \ 965. \ 67} \end{array}$$

$$\begin{array}{r} ㉔ \ 7 \ 065. \ 57 \\ \quad \underline{6 \ 936. \ 76} \end{array}$$

$$\begin{array}{r} ㉕ \ 6 \ 059. \ 66 \\ \quad \underline{7 \ 962. \ 78} \end{array}$$

$$\begin{array}{r} ㉖ \ 7 \ 168. \ 96 \\ \quad \underline{6 \ 956. \ 57} \end{array}$$

$$\begin{array}{r} ㉗ \ 8 \ 169. \ 56 \\ \quad \underline{6 \ 967. \ 67} \end{array}$$

$$\begin{array}{r} ㉘ \ 5 \ 066. \ 56 \\ \quad \underline{6 \ 967. \ 67} \end{array}$$

$$\begin{array}{r} ㉙ \ 7 \ 607. \ 57 \\ \quad \underline{7 \ 996. \ 86} \end{array}$$

$$\begin{array}{r} ㉚ \ 5 \ 109. \ 65 \\ \quad \underline{6 \ 996. \ 76} \end{array}$$

$$\begin{array}{r} ㉛ \ 5 \ 067. \ 66 \\ \quad \underline{6 \ 986. \ 78} \end{array}$$

$$\begin{array}{r} ㉜ \ 7 \ 105. \ 06 \\ \quad \underline{7 \ 996. \ 97} \end{array}$$

$$\begin{array}{r} ㉝ \ 8 \ 159. \ 65 \\ \quad \underline{6 \ 960. \ 78} \end{array}$$

$$\begin{array}{r} 6. \textcircled{1} 7\,659.87 \\ \underline{\quad 675.66 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{2} 8\,765.59 \\ \underline{\quad 679.65 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{3} 6\,907.67 \\ \underline{\quad 196.87 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{4} 6\,697.65 \\ \underline{\quad 706.86 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{5} 5\,656.08 \\ \underline{\quad 896.96 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{6} 7\,876.55 \\ \underline{\quad 768.69 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{7} 7\,655.08 \\ \underline{\quad 768.96 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{8} 8\,656.95 \\ \underline{\quad 9\,067.18 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{9} 6\,059.08 \\ \underline{\quad 960.69 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{10} 796\,557 \\ \underline{\quad 807\,676 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{11} 806\,655 \\ \underline{\quad 97\,867 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{12} 706\,659 \\ \underline{\quad 98\,785 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{13} 676\,565 \\ \underline{\quad 786\,967 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{14} 555\,655 \\ \underline{\quad 678\,867 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{15} 859\,657 \\ \underline{\quad 695\,786 \quad} \end{array}$$

$$\begin{array}{r} 7. \textcircled{1} 6\,565\,678 \\ \underline{\quad 7\,679\,766 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{2} 9\,655\,785 \\ \underline{\quad 1\,789\,678 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{3} 5\,768\,965 \\ \underline{\quad 6\,076\,596 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{4} 5\,676\,768 \\ \underline{\quad 8\,867\,786 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{5} 8\,065\,907 \\ \underline{\quad 6\,978\,596 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{6} 7\,065\,589 \\ \underline{\quad 7\,889\,665 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{7} 76\,598.69 \\ \underline{\quad 78\,905.76 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{8} 67\,595.66 \\ \underline{\quad 87\,769.07 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{9} 78\,675.59 \\ \underline{\quad 65\,779.90 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{10} 90\,655.78 \\ \underline{\quad 9\,768.76 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{11} 67\,565.66 \\ \underline{\quad 76\,896.86 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{12} 90\,678.65 \\ \underline{\quad 9\,760.89 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{13} 91\,785.56 \\ \underline{\quad 19\,676.67 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{14} 76\,056.67 \\ \underline{\quad 78\,967.76 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{15} 85\,058.85 \\ \underline{\quad 67\,966.67 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{16} 56\,065.76 \\ \underline{\quad 67\,967.78 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{17} 67\,078.58 \\ \underline{\quad 76\,876.66 \quad} \end{array}$$

$$\begin{array}{r} \textcircled{18} 65\,056.65 \\ \underline{\quad 78\,967.78 \quad} \end{array}$$

$$\begin{array}{r} 8 \textcircled{1} 559\,678.89 \\ \underline{675\,786.65} \end{array}$$

$$\begin{array}{r} \textcircled{2} 698\,557.67 \\ \underline{16\,678.86} \end{array}$$

$$\begin{array}{r} \textcircled{3} 765\,595.66 \\ \underline{89\,667.87} \end{array}$$

$$\begin{array}{r} \textcircled{4} 657\,579.08 \\ \underline{67\,670.96} \end{array}$$

$$\begin{array}{r} \textcircled{5} 568\,759.65 \\ \underline{76\,890.79} \end{array}$$

$$\begin{array}{r} \textcircled{6} 876\,556.76 \\ \underline{67\,985.78} \end{array}$$

$$\begin{array}{r} \textcircled{7} 557\,677.89 \\ \underline{67\,986.60} \end{array}$$

$$\begin{array}{r} \textcircled{8} 565\,778.90 \\ \underline{789\,676.09} \end{array}$$

$$\begin{array}{r} \textcircled{9} 676\,557.67 \\ \underline{88\,676.86} \end{array}$$

$$\begin{array}{r} \textcircled{10} 59\,878\,655 \\ \underline{45\,676\,789} \end{array}$$

$$\begin{array}{r} \textcircled{11} 69\,595\,659 \\ \underline{60\,709\,780} \end{array}$$

$$\begin{array}{r} \textcircled{12} 86\,059\,877 \\ \underline{68\,960\,767} \end{array}$$

$$\begin{array}{r} \textcircled{13} 56\,767\,876 \\ \underline{78\,567\,678} \end{array}$$

$$\begin{array}{r} \textcircled{14} 76\,556\,876 \\ \underline{67\,898\,678} \end{array}$$

$$\begin{array}{r} \textcircled{15} 65\,596\,789 \\ \underline{86\,708\,669} \end{array}$$

$$\begin{array}{r} 9. \textcircled{1} 67\,568\,678 \\ \underline{6\,785\,676} \end{array}$$

$$\begin{array}{r} \textcircled{2} 90\,656\,565 \\ \underline{9\,788\,678} \end{array}$$

$$\begin{array}{r} \textcircled{3} 16\,565\,586 \\ \underline{6\,786\,767} \end{array}$$

$$\begin{array}{r} \textcircled{4} 50\,656\,765 \\ \underline{9\,678\,678} \end{array}$$

$$\begin{array}{r} \textcircled{5} 60\,576\,778 \\ \underline{9\,678\,776} \end{array}$$

$$\begin{array}{r} \textcircled{6} 67\,576\,787 \\ \underline{8\,678\,667} \end{array}$$

$$\begin{array}{r} \textcircled{7} 767\,567.65 \\ \underline{67\,867.87} \end{array}$$

$$\begin{array}{r} \textcircled{8} 565\,656.75 \\ \underline{786\,787.67} \end{array}$$

$$\begin{array}{r} \textcircled{9} 757\,677.56 \\ \underline{86\,567.87} \end{array}$$

$$\begin{array}{r} \textcircled{10} 678\,567.67 \\ \underline{166\,676.76} \end{array}$$

$$\begin{array}{r} \textcircled{11} 607\,579.65 \\ \underline{96\,765.87} \end{array}$$

$$\begin{array}{r} \textcircled{12} 108\,576.56 \\ \underline{96\,678.87} \end{array}$$

$$\begin{array}{r} \textcircled{13} 176\,567.67 \\ \underline{67\,867.86} \end{array}$$

$$\begin{array}{r} \textcircled{14} 205\,566.65 \\ \underline{96\,678.87} \end{array}$$

$$\begin{array}{r} \textcircled{15} 167\,577.67 \\ \underline{67\,867.86} \end{array}$$

$$\begin{array}{r} \textcircled{16} 365\,566.65 \\ \underline{68\,678.78} \end{array}$$

$$\begin{array}{r} \textcircled{17} 405\,556.57 \\ \underline{96\,678.86} \end{array}$$

$$\begin{array}{r} \textcircled{18} 307\,557.57 \\ \underline{96\,676.87} \end{array}$$