

# 进绳练习册

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### 速算练习建议时间

| 模块 | 基础运算 |      | 除法拆分<br>分数大小比较 |      |       | 分配<br>份数法 | 合计    |      |  |
|----|------|------|----------------|------|-------|-----------|-------|------|--|
|    | 时间   | 错误个数 | 时间             | 错误个数 | 时间    | 错误个数      | 时间    | 错误个数 |  |
| 优秀 | 6 分钟 | 1    | 7 分钟           | 1    | 4 分钟  | 1         | 17 分钟 | 3    |  |
| 及格 | 7 分钟 | 1    | 8分30秒          | 2    | 5分30秒 | 1         | 21 分钟 | 5    |  |

## 自我测评表

| 天数 | 基础 | 运算  |    | 拆分<br>小比较 |    | 分配<br>份数法 | 合计 |     |  |
|----|----|-----|----|-----------|----|-----------|----|-----|--|
|    | 用时 | 正确率 | 用时 | 正确率       | 用时 | 正确率       | 用时 | 正确率 |  |
| 1  |    |     |    |           |    |           |    |     |  |
| 2  |    |     |    |           |    |           |    |     |  |
| 3  |    |     |    |           |    |           |    |     |  |
| 4  |    |     |    |           |    |           |    |     |  |
| 5  |    |     |    |           |    |           |    |     |  |
| 6  |    |     |    |           |    |           |    |     |  |
| 7  |    |     |    |           |    |           |    |     |  |
| 8  |    |     |    |           |    |           |    |     |  |
| 9  |    |     |    |           |    |           |    |     |  |
| 10 |    |     |    |           |    |           |    |     |  |
| 11 |    |     |    |           |    |           |    |     |  |
| 12 |    |     |    |           |    |           |    |     |  |



#### 速算练习一



| 答案   1347 5992 8084 3539   | 【练习                | 一】加  | 、减、乘法     |          |      |         |                   |     |      |      |      |        | B.异泺 沙1 |
|--|--------------------|------|-----------|----------|------|---------|-------------------|-----|------|------|------|--------|---------|
| 勝下 635 - 226 993 - 329 611 - 598 797 - 625  答案   | 题干                 |      |           | 4645     | 7198 | 5066    |                   |     | 1347 | 5992 | 8084 | 3539   |         |
| 勝下 635 - 226 993 - 329 611 - 598 797 - 625  答案   |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| 勝下 635 - 226 993 - 329 611 - 598 797 - 625  答案   |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| 勝下 635 - 226 993 - 329 611 - 598 797 - 625  答案   | 答案                 |      |           |          |      |         |                   |     |      |      |      |        |         |
| 勝干 855 × 11.5% 752 × 8.2% 236 × 12.2% 166 × 33.9%  答案  | 题干                 | 635  | - 226     |          | 993  | - 329   |                   | 611 | _    | 598  | 797  | 7 — 62 | 5       |
| 勝干 855 × 11.5% 752 × 8.2% 236 × 12.2% 166 × 33.9%  答案  |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| 勝干 855 × 11.5% 752 × 8.2% 236 × 12.2% 166 × 33.9%  答案  |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| 勝干 855 × 11.5% 752 × 8.2% 236 × 12.2% 166 × 33.9%  答案  | 答案                 |      |           |          |      |         |                   |     |      |      |      |        |         |
| 際子 455 × 6.6% 776 × 20.8% 402 × 9.1% 815 × 62.4%   | 题干                 | 855  | × 11.5%   |          | 752  | × 8.2%  |                   | 236 | × 12 | 2.2% | 166  | × 33.9 | %       |
| 際子 455 × 6.6% 776 × 20.8% 402 × 9.1% 815 × 62.4%   |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| 際子 455 × 6.6% 776 × 20.8% 402 × 9.1% 815 × 62.4%   |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| 際子 455 × 6.6% 776 × 20.8% 402 × 9.1% 815 × 62.4%   | 答案                 |      |           |          |      |         |                   |     |      |      |      |        |         |
| (练习二】除法拆分、分数大小比较   | 题干                 | 455  | × 6.6%    |          | 776  | × 20.8% |                   | 402 | × 9  | .1%  | 815  | × 62.4 | %       |
| (练习二】除法拆分、分数大小比较   |                    |      |           | ·        |      |         |                   |     |      |      |      |        |         |
| (练习二】除法拆分、分数大小比较   |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| (练习二】除法拆分、分数大小比较   | 答案                 |      |           |          |      |         |                   |     |      |      |      |        |         |
| 108     535       3708     3708       3152     3712       37774     4778       707     204       4797     1856       278     4955       3716     1438       552     298       425     5785       256     468       6627     468       1239     233       1 138     399     997       3307     3583 |                    | 了二】除 | <br>法拆分、分 | <br>数大小り | 上较   |         |                   |     |      |      |      |        |         |
| 108     535       3708       3152     3712       4777     204       1856     4955       5716     1438       552     298       425     5785       256     468       6627     468       1 138     233       7556     2 890       3307     997       3583   | 711                |      |           |          |      |         |                   |     |      |      |      |        |         |
| 3708       3152       3774       4778       707       4797       278       5716       4955       1438       552       4298       5785       256       5627       468       1239       比较分数大小       ① 138/5399     233/7556       ② 890/3307     997/3583   |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| 3774     4778       707<br>4797     204<br>1856       278<br>5716     4955<br>1438       552<br>425     298<br>5785       256<br>6627     468<br>1239       比较分数大小     2890<br>3307     997<br>3583  | $\frac{108}{6764}$ |      |           |          |      |         |                   |     |      |      |      |        |         |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$  | 3152               |      |           |          |      |         |                   |     |      |      |      |        |         |
| 4797     1856       278     4955       5716     1438       652     298       425     5785       256     468       6627     468       1239     2890       1 138     233       7556     2890       2 890     997       3307     3583   | 8774               |      |           |          |      |         | 4778              |     |      |      |      |        |         |
| $ \frac{278}{5716} $ $ \frac{4955}{1438} $ $ \frac{552}{425} $ $ \frac{298}{5785} $ $ \frac{256}{6627} $ $ \frac{468}{1239} $ 比较分数大小 $ \frac{1}{2} \frac{138}{5399} $ $ \frac{233}{7556} $ $ \frac{890}{3307} $ $ \frac{997}{3583} $   |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| 5716     1438       652<br>425     298<br>5785       256<br>6627     468<br>1239       比较分数大小     233<br>7556     ② 890<br>3307     997<br>3583  |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| 256     468       6627     1239       比较分数大小     ② 890     997       ① 138/5399     7556     ② 890     997       307     3583  | 5716               |      |           |          |      |         |                   |     |      |      |      |        |         |
| $\frac{256}{5627}$ $\frac{468}{1239}$ 比较分数大小   | 652                |      |           |          |      |         |                   |     |      |      |      |        |         |
|  |                    |      |           |          |      |         |                   |     |      |      |      |        |         |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$  | $\frac{256}{6627}$ |      |           |          |      |         |                   |     |      |      |      |        |         |
|  | 比较分                | 数大小  |           |          |      |         |                   |     |      |      |      |        |         |
|  | ① 13               | 38   |           |          |      |         | 2 8               | 90  |      |      |      |        |         |
| a 10/ 142 A 810 /30  | 53                 |      |           |          |      |         |                   |     |      |      |      |        |         |
|  |                    |      |           |          |      |         | $4) \frac{8}{70}$ | 97  |      |      |      |        |         |



| 【练习           | 三】假设分配/  | "415"份数法 |       |        |       |        |
|---------------|----------|----------|-------|--------|-------|--------|
| 题干            | 9234     | 6.6%     | 7252  | 3.5 %  | 56572 | 8.5%   |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
| 答案            |          |          |       |        |       |        |
| 题干            | 35475    | 5.1%     | 41968 | 9.9%   | 90648 | 11.3%  |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
| 灰安            |          |          |       |        |       |        |
| 答案            | 0626     | 24.60/   | 41120 | 27.70/ | 00176 | 12.60/ |
| 题干            | 9626     | 24.6%    | 41120 | 27.7%  | 88176 | 13.6%  |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
| 答案            |          |          |       |        |       |        |
| 题干            | 13463    | 52.8%    | 4537  | 12.5%  | 43179 | 39.2%  |
| <i>N</i> ES 1 | 13403    | 32.070   | 1337  | 12.370 | 43177 | 37.270 |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
| 答案            |          |          |       |        |       |        |
| 题干            | 7242     | -8.5%    | 26438 | -5.3%  | 5306  | -6.4%  |
| . — •         |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
|               |          |          |       |        |       |        |
| 答案            |          |          |       |        |       |        |
|               | <u> </u> |          |       |        | l     |        |



#### 速算练习二



| 【练习                | 一】加、 | 减、乘法               |           |                  |                          |                    | 【答案】速算练习2   |
|--------------------|------|--------------------|-----------|------------------|--------------------------|--------------------|-------------|
| 题干                 | 求和   | 6686               | 9971 7658 | 3 6436           |                          | 7055 4359          | 765 8733    |
|                    |      |                    |           |                  |                          |                    |             |
| 答案                 |      |                    |           |                  |                          |                    |             |
| 题干                 | 787  | - 321              | 518       | <del>- 209</del> | 657                      | 382                | 730 — 229   |
|                    |      |                    |           |                  |                          |                    |             |
| 答案                 |      |                    |           |                  |                          |                    |             |
| 题干                 | 531  | × 25.3%            | 365       | × 17.7%          | 329                      | × 7.6%             | 211 × 32.6% |
|                    |      |                    |           |                  |                          |                    |             |
| 答案                 |      |                    |           |                  |                          |                    |             |
| 题干                 | 772  | × 8.3%             | 483       | × 60.3%          | 464                      | × 23.4%            | 228 × 74.2% |
| 答案 【练习             | 二】除剂 | 去拆分、分数             | 数大小比较     |                  |                          |                    |             |
| 754<br>697         |      |                    |           |                  | 734<br>561               |                    |             |
| $\frac{677}{2376}$ |      |                    |           |                  | 441<br>9877              |                    |             |
| 3644<br>5383       |      |                    |           |                  | 5235<br>9083             |                    |             |
| 242<br>3435        |      |                    |           |                  | 551<br>1558              |                    |             |
| $\frac{488}{4099}$ |      |                    |           |                  | $\frac{4933}{3652}$      |                    |             |
| 731<br>667         |      |                    |           |                  | 895<br>8974              |                    |             |
| 222<br>5605        |      |                    |           |                  | 408<br>3998              |                    |             |
| 比较分                | 数大小  |                    |           |                  |                          |                    |             |
| ① $\frac{15}{32}$  |      | 179<br>3583        |           |                  | $2\frac{557}{7350}$      | $\frac{545}{6985}$ |             |
| $\frac{74}{84}$    |      | $\frac{721}{8134}$ |           |                  | $ \underbrace{3}{6231} $ | $\frac{778}{5750}$ |             |



| 【练习          | 三】假设分配/  |        |       |       |          |        |
|--------------|----------|--------|-------|-------|----------|--------|
| 题干           | 6473     | 7.5%   | 9232  | 8.2%  | 16476    | 15.6%  |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              | <u> </u> |        |       |       | <u> </u> |        |
| 答案           |          |        |       |       |          |        |
| 题干           | 53760    | 9.8%   | 30499 | 18.2% | 86699    | 27.3%  |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
| 答案           |          |        |       |       |          |        |
| 一百采<br>      | 5280     | 42.6%  | 77463 | 16.7% | 38674    | 69.8%  |
| AZ I         | 3200     | 42.0%  | 77403 | 10.7% | 300/4    | 09.0%  |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
| 答案           |          |        |       |       |          |        |
| 题干           | 87762    | 61.6%  | 5831  | 7.1%  | 47343    | 35.7%  |
| <i>7</i> 2 i | 07702    | 02.070 | 5551  |       | 17010    | 00.7,0 |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
| 答案           |          |        |       |       |          |        |
| 题干           | 7177     | -9.1%  | 58237 | -5.4% | 4602     | -6.5%  |
|              | ı        |        |       |       | ı        |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
|              |          |        |       |       |          |        |
| 答案           |          |        |       |       |          |        |
|              |          |        |       |       |          |        |



#### 速算练习三



|                    |      | 1、减、乘法   |                                       |          |       |                     |          |      |      |      |      |       |
|--------------------|------|----------|---------------------------------------|----------|-------|---------------------|----------|------|------|------|------|-------|
| <b>题干</b>          | 求和   | 9964     | 6644 30                               | 673      | 1966  |                     |          | 7815 | 4731 | 7082 | 3843 | }     |
|                    |      |          |                                       |          |       |                     |          |      |      |      |      |       |
|                    |      |          |                                       |          |       |                     |          |      |      |      |      |       |
| 答案                 |      |          |                                       |          |       |                     |          |      |      |      |      |       |
| 题干                 | 89   | 6 – 145  | 52                                    | 22 -     | - 317 |                     | 654      |      | 158  | 74   | 1 —  | 352   |
|                    |      |          |                                       |          |       |                     |          |      |      |      |      |       |
|                    |      |          |                                       |          |       |                     |          |      |      |      |      |       |
| 答案                 |      |          |                                       |          |       |                     |          |      |      |      |      |       |
| <b></b>            | 120  | 6 × 7.1% | 23                                    | 32 ×     | 8.5%  | į                   | 511      | × 6  | .9%  | 817  | ×    | 34.1% |
|                    |      |          |                                       |          |       |                     |          |      |      |      |      |       |
|                    |      |          |                                       |          |       |                     |          |      |      |      |      |       |
| 答案                 |      |          |                                       |          |       |                     |          |      |      |      |      |       |
| 题干                 | 814  | × 16.8%  | 98                                    | 1 ×      | 60.4% | 2                   | :03      | × 26 | 5.7% | 623  | ×    | 40.5% |
|                    |      |          | · · · · · · · · · · · · · · · · · · · |          |       |                     |          |      |      |      |      |       |
|                    |      |          |                                       |          |       |                     |          |      |      |      |      |       |
|                    |      |          |                                       |          |       |                     |          |      |      |      |      |       |
| 答案 -               |      |          |                                       |          |       |                     |          |      |      |      |      |       |
|                    | 」二』除 | 法拆分、分    | 数大小比较                                 | <u> </u> |       |                     |          |      |      |      |      |       |
| 349<br>148         |      |          |                                       |          |       | $\frac{911}{706}$   |          |      |      |      |      |       |
| 251                |      |          |                                       |          |       | 685                 |          |      |      |      |      |       |
| 6805               |      |          |                                       |          |       | 7715                |          |      |      |      |      |       |
| 2043               |      |          |                                       |          |       | 8151                |          |      |      |      |      |       |
| 3466               |      |          |                                       |          |       | 9371                |          |      |      |      |      |       |
| 337<br>3952        |      |          |                                       |          |       | $\frac{599}{4168}$  |          |      |      |      |      |       |
| 639                |      |          |                                       |          |       | 6729                |          |      |      |      |      |       |
| 3571               |      |          |                                       |          |       | 3334                |          |      |      |      |      |       |
| 711                |      |          |                                       |          |       | 613                 |          |      |      |      |      |       |
| 934                |      |          |                                       |          |       | 3407                |          |      |      |      |      |       |
| 849<br>1886        |      |          |                                       |          |       | $\frac{793}{5594}$  |          |      |      |      |      |       |
|                    |      | <b>,</b> |                                       |          |       |                     |          |      |      |      |      |       |
|                    |      | 226      |                                       |          |       | 683                 | 3        |      | 517  |      |      |       |
| $1) \frac{44}{69}$ | 27   | 3419     |                                       |          |       | ② $\frac{683}{491}$ | 7        |      | 4157 |      |      |       |
| $\frac{87}{3}$     |      | 939      |                                       |          |       | 445                 | <u>;</u> |      | 494  |      |      |       |
| 36                 | 69   | 4052     |                                       |          |       | 223                 | 5        |      | 2339 |      |      |       |



| 【练习 | 三】假设分配/ | "415"份数法 |       |       |       |        |
|-----|---------|----------|-------|-------|-------|--------|
| 题干  | 7437    | 6.3%     | 6718  | 9.3%  | 52973 | 8.4%   |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       | 1     |        |
| 答案  |         |          |       |       |       |        |
| 题干  | 84868   | 18.2%    | 90054 | 28.1% | 96712 | 12.7%  |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       | T     |        |
| 答案  |         |          |       |       |       |        |
| 题干  | 6320    | 13.3%    | 62503 | 85.5% | 61229 | 57.2%  |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       | I     |        |
| 答案  |         |          |       |       |       |        |
| 题干  | 35962   | 94.8%    | 6617  | 22.2% | 36851 | 27.8%  |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
| 答案  |         |          |       |       |       |        |
| 题干  | 9813    | -4.9%    | 22827 | -6.9% | 6682  | -11.5% |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         | ,        |       |       | T     |        |
| 答案  |         |          |       |       |       |        |



#### 速算练习四



| 【练习             | 一】加      | 、减、乘法              |          |            |              |                     |              |      |             |      |      | documber(2000)-1000-1000-1000-1000-1000-1000-1000 |
|-----------------|----------|--------------------|----------|------------|--------------|---------------------|--------------|------|-------------|------|------|---|
| 题干              | 求和       | 7526               | 6048     | 5948       | 2166         |                     |              | 2733 | 2487        | 4499 | 5139 | 1   |
|                 |          |                    |          |            |              |                     |              |      |             |      |      |   |
| <i>₩</i> . æ.   |          |                    |          |            |              |                     |              |      |             |      |      |   |
| 答案<br>题干        | 997      | v — 152            |          | 485        | <b>—</b> 178 |                     | 671          |      | 336         | 63   | 2 —  | 471   |
| KCS             | ,,,,,    | 132                |          | 103        | 170          |                     | 071          |      | 330         | 03   |      | 4/1   |
| 答案              |          |                    |          |            |              |                     |              |      |             |      |      |   |
| 题干              | 393      | × 20.5%            |          | 599        | × 8.4%       |                     | 338          | × 18 | 3.3%        | 393  | ×    | 11.7%   |
| Mr ↔            |          |                    |          |            |              |                     |              |      |             |      |      |   |
| 答案<br>题干        | 398      | × 26.1%            |          | 920 >      | × 32.4%      |                     | 423          | × 10 | 0.4%        | 213  | ×    | 68.6%   |
| 21              | 370      | × 20.170           | <u> </u> | ,20        | 32.170       |                     | 123          |      | 3.170       | 213  |      | 00.070  |
| 答案<br>【练ス       | 1二】除     | 法拆分、分              | 数大小出     | <b>公</b> 较 |              |                     |              |      |             |      |      |   |
| 122<br>216      | <u> </u> |                    | ×/ ( )   |            |              | $\frac{712}{198}$   |              |      |             |      |      |   |
| 191             |          |                    |          |            |              | 738                 |              |      |             |      |      |   |
| 8504            |          |                    |          |            |              | 8732                |              |      |             |      |      |   |
| 3761<br>8317    |          |                    |          |            |              | 5396<br>2078        | _            |      |             |      |      |   |
| 857             |          |                    |          |            |              | 929                 |              |      |             |      |      |   |
| 5747            |          |                    |          |            |              | 6575                |              |      |             |      |      |   |
| 372<br>3871     |          |                    |          |            |              | $\frac{7903}{6195}$ |              |      |             |      |      |   |
| 281<br>5599     |          |                    |          |            |              | 667<br>3606         | <del>.</del> |      |             |      |      |   |
| 531<br>6262     |          |                    |          |            |              | 333<br>1779         |              |      |             |      |      |   |
| 比较分             | 数大小      |                    |          |            |              |                     |              |      |             |      |      |   |
| $\frac{84}{25}$ | 18<br>77 | 788<br>2174        |          |            |              | 2                   | 909<br>5281  |      | 968<br>5871 |      |      |   |
| $\frac{68}{27}$ | 39<br>92 | $\frac{598}{2252}$ |          |            |              | 4                   | 104<br>3138  |      | 166<br>5753 |      |      |   |



| 【练习           | 三】假设分配/ | "415"份数法 |       |              |       |              |
|---------------|---------|----------|-------|--------------|-------|--------------|
| 题干            | 5192    | 7.1%     | 7785  | 17.2%        | 45608 | 4.5%         |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
| 答案            |         |          |       |              |       |              |
| 题干            | 22963   | 5.3%     | 76893 | 27.2%        | 33113 | 22.4%        |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
| ***           |         |          |       |              |       |              |
| 答案            |         |          |       |              |       |              |
| 题干            | 9444    | 6.4%     | 77385 | 25.4%        | 36468 | 19.5%        |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
| بالدر بالمالة |         |          |       |              |       |              |
| 答案            |         |          |       |              |       |              |
| 题干            | 46279   | 39.3%    | 8696  | 22.5%        | 94945 | 9.2%         |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
| Agter si≥=    |         |          |       |              |       |              |
| 答案            | F.(F0   | 2.604    | 25245 | E 50/        | 0005  | 0.407        |
| 题干            | 5679    | -2.6%    | 37345 | <b>-5.5%</b> | 9887  | <b>-9.1%</b> |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
|               |         |          |       |              |       |              |
| Kate si→      |         |          |       |              |       |              |
| 答案            |         |          |       |              |       |              |



#### 速算练习五



| 【练习               | ]一】加、     | 减、乘法               |           |                  |                                     |                    |        | 【答案】速算练习5        |
|-------------------|-----------|--------------------|-----------|------------------|-------------------------------------|--------------------|--------|------------------|
| 题干                | 求和        | 5369               | 9279 387  | 4 7661           |                                     | 9616 4632          | 4286 1 | 422              |
|                   |           |                    |           |                  |                                     |                    |        |                  |
|                   |           |                    |           |                  |                                     |                    |        |                  |
| 答案                |           |                    |           |                  |                                     |                    |        |                  |
| 题干                | 561       | <del>- 357</del>   | 782       | <del>- 136</del> | 933                                 | 3 - 321            | 854    | <del>- 795</del> |
|                   |           |                    |           |                  |                                     |                    |        |                  |
|                   |           |                    |           |                  |                                     |                    |        |                  |
| 答案                | 007       | 21 20/             | F7F       | V ( 00/          | F20                                 | V 10.70/           | 000    | 1 1 1 1 0 /      |
| 题干                | 897       | × 21.3%            | 575       | × 6.8%           | 538                                 | × 18.7%            | 809    | × 15.1%          |
|                   |           |                    |           |                  |                                     |                    |        |                  |
| Atr 4±            |           |                    |           |                  |                                     |                    |        |                  |
| 答案_               | 784       | × 7.6%             | 178       | × 65.1%          | 577                                 | × 25.6%            | 883    | × 79.1%          |
| <i>7</i> 2 1      | 701       | 7.070              | 170       | 7 05.170         | 377                                 | X 20.070           | 005    | 7 7 7 7 7 0      |
|                   |           |                    |           |                  |                                     |                    |        |                  |
| 答案                |           |                    |           |                  |                                     |                    |        |                  |
|                   | <br> 二】除ネ | 去拆分、分              | <br>数大小比较 |                  |                                     |                    |        |                  |
| 522               |           |                    |           |                  | 712                                 |                    |        |                  |
| 719               |           |                    |           |                  | 749                                 |                    |        |                  |
| 838<br>3733       |           |                    |           |                  | 246<br>5386                         |                    |        |                  |
| 6671              |           |                    |           |                  | 8915                                |                    |        |                  |
| 2893              |           |                    |           |                  | 9527                                |                    |        |                  |
| 776<br>2055       |           |                    |           |                  | 399<br>9125                         |                    |        |                  |
| 369               |           |                    |           |                  | 9247                                |                    |        |                  |
| 6143              |           |                    |           |                  | 7937                                |                    |        |                  |
| $\frac{577}{823}$ |           |                    |           |                  | 285<br>9895                         |                    |        |                  |
| 626               |           |                    |           |                  | 457                                 |                    |        |                  |
| 5981              |           |                    |           |                  | 5109                                |                    |        |                  |
|                   | 数大小       |                    |           |                  |                                     |                    |        |                  |
|                   | 39<br>87  | $\frac{318}{2103}$ |           |                  | ② $\frac{558}{5067}$                | $\frac{991}{9559}$ |        |                  |
| 10                | 36        | 598                |           |                  |                                     | 831                |        |                  |
|                   | 68        | 7671               |           |                  | $ \underbrace{4} \frac{890}{2429} $ | 2142               |        |                  |



| 【练习       | 三】假设分配/ | "415"份数法 |       |                  |       |       |
|-----------|---------|----------|-------|------------------|-------|-------|
| 题干        | 4366    | 7.6%     | 3718  | 9.5%             | 41597 | 8.1%  |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           | I       |          |       |                  |       |       |
| 答案        |         |          |       |                  |       |       |
| 题干        | 39536   | 16.8%    | 80691 | 26.5%            | 90515 | 11.8% |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
| ***       |         |          |       |                  |       |       |
| 答案        |         |          |       |                  |       |       |
| 题干        | 9465    | 40.2%    | 55371 | 51.2%            | 48382 | 31.3% |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
| **        |         |          |       |                  |       |       |
| 答案        |         |          |       |                  |       |       |
| 题干        | 2979    | 6.8%     | 4578  | 15.1%            | 32545 | 4.3%  |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
| منتب مجيم |         |          |       |                  |       |       |
| 答案        | 6215    | 2.25     |       |                  |       |       |
| 题干        | 9817    | -9.9%    | 17745 | <del>-7.1%</del> | 4162  | -3.6% |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
|           |         |          |       |                  |       |       |
| A-A       |         |          |       |                  |       |       |
| 答案        |         |          |       |                  |       |       |



#### 速算练习六



|  |                  |                    |           |              |                                    |                    | 【答案】速算练     |
|--|------------------|--------------------|-----------|--------------|------------------------------------|--------------------|-------------|
|  |                  | 减、乘法               |           |              |                                    |                    |             |
| 题干   | 求和               | 9662               | 4122 8346 | 2067         |                                    | 703 7796           | 4795 4684   |
|  |                  |                    |           |              |                                    |                    |             |
| 答案   |                  |                    |           |              |                                    |                    |             |
| 题干   | 963              | - 336              | 505       | <b>—</b> 292 | 759                                | - 278              | 909 — 154   |
|  |                  |                    |           |              |                                    |                    |             |
| 答案   |                  |                    |           |              |                                    |                    |             |
| 题干   | 528              | × 17.5%            | 449       | × 9.5%       | 193                                | × 5.4%             | 198 × 25.9% |
|  |                  |                    |           |              |                                    |                    |             |
| 答案   |                  |                    |           |              |                                    |                    |             |
| 题干_  | 321              | × 9.7%             | 252       | × 5.9%       | 165                                | × 11.9%            | 947 × 59.9% |
| 答案<br>【练 <sup>文</sup><br>788                                   | ]二】除剂            | 去拆分、分数             | 大小比较      |              | 534                                |                    |             |
| 795  |                  |                    |           |              | 211                                |                    |             |
| 782  |                  |                    |           |              | 882                                |                    |             |
| 5238   |                  |                    |           |              | 3575                               |                    |             |
| 7835<br>7368   |                  |                    |           |              | $\frac{6151}{8222}$                |                    |             |
| 622  |                  |                    |           |              | 898                                |                    |             |
| 5378   |                  |                    |           |              | 3639                               |                    |             |
| 113<br>6784  |                  |                    |           |              | $\frac{5823}{1799}$                |                    |             |
| 922<br>613   |                  |                    |           |              | $\frac{346}{4481}$                 |                    |             |
| 322<br>7708  |                  |                    |           |              | $\frac{826}{1417}$                 |                    |             |
| 比较分  | 数大小              |                    |           | I            |                                    |                    |             |
| $ \begin{array}{c}     \hline                                $ | 96<br>96         | 883<br>7858        |           |              | $2 \frac{976}{1362}$               | 831<br>1130        |             |
| $\frac{32}{75}$  | 2 <u>1</u><br>11 | $\frac{361}{8162}$ |           |              | $\textcircled{4} \frac{130}{2493}$ | $\frac{158}{2855}$ |             |



| 【练习      | 三】假设分配/ |        |        |              |       |         |
|----------|---------|--------|--------|--------------|-------|---------|
| 题干       | 1787    | 6.4%   | 5959   | 7.4%         | 75881 | 5.1%    |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              | T     |         |
| 答案       |         |        |        |              |       |         |
| 题干       | 77424   | 13.5%  | 68807  | 10.7%        | 86876 | 18.5%   |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
| <i>}</i> |         |        |        |              |       |         |
| 答案       | F004    | 24.60/ | E4500  | 64.007       | 40000 | 45.50/  |
| 题干       | 5831    | 34.6%  | 74798  | 61.3%        | 48009 | 17.5%   |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
| 答案       |         |        |        |              |       |         |
|          | 45948   | 22.3%  | 6528   | 8.6%         | 14304 | 20.4%   |
| 题干       | 43948   | 22.3%  | 0328   | 8.0%         | 14304 | 20.4%   |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
| <br>答案   |         |        |        |              |       |         |
| 题干       | 8329    | -1.7%  | 92364  | <b>-5.1%</b> | 4807  | -6.2%   |
| ا تت.    | 3327    | 11, 70 | , 2001 | 5.1.70       | 1007  | J.2 / 0 |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
|          |         |        |        |              |       |         |
| 答案       |         |        |        |              |       |         |
| п /\     |         |        |        |              |       |         |



#### 速算练习七



【合条】迷昇珠习

| 【练习                 | ]一】加     | 、减、乘法              | <u> </u>   |      |           |                    |                    |         | 1日末7 起并动行 |
|---------------------|----------|--------------------|------------|------|-----------|--------------------|--------------------|---------|-----------|
| 题干                  | 求和       | 4255               |            | 1 63 | 341       |                    | 3471 8216          | 2306 43 | 61        |
|                     |          |                    |            |      |           |                    |                    |         |           |
|                     |          |                    |            |      |           |                    |                    |         |           |
| 答案                  |          |                    |            |      |           |                    |                    |         |           |
| <u></u><br>- 题干     | 953      | 3 — 355            | 669        |      | 306       | 946                | <b>–</b> 225       | 959 -   | - 371     |
|                     |          |                    | I          |      |           |                    |                    |         |           |
|                     |          |                    |            |      |           |                    |                    |         |           |
| <i>k</i> -/         |          |                    |            |      |           |                    |                    |         |           |
| 答案 题干               | 601      | × 28.29            | % 184      | ×    | 5.8%      | 393                | × 7.6%             | 595 ×   | 32.1%     |
| <i>P</i> 25 1       | 001      | X 20.23            | 70   104   |      | 3.0%      | 373                | 7.0%               | 393 🗡   | 32.170    |
|                     |          |                    |            |      |           |                    |                    |         |           |
|                     |          |                    |            |      |           |                    |                    |         |           |
| 答案                  |          |                    |            |      |           |                    |                    |         |           |
| 题干                  | 600      | × 7.1%             | 6 228      | × 4  | 13.5%     | 293                | × 13.9%            | 754 ×   | 79.1%     |
|                     |          |                    |            |      |           |                    |                    |         |           |
|                     |          |                    |            |      |           |                    |                    |         |           |
| 答案                  |          |                    |            |      |           |                    |                    |         |           |
|                     | <br>]二】除 |                    | <br>Ի数大小比较 |      |           |                    |                    |         |           |
| 642                 |          |                    |            |      | 74        |                    |                    |         |           |
| 868                 |          |                    |            |      | 52        | 28                 |                    |         |           |
| 339                 |          |                    |            |      |           | 43                 |                    |         |           |
| 2055                |          |                    |            |      |           | 576                |                    |         |           |
| $\frac{8052}{3274}$ |          |                    |            |      |           | 8 <u>55</u><br>819 |                    |         |           |
| 299                 |          |                    |            |      |           | 18                 |                    |         |           |
| 6325                |          |                    |            |      |           | 772                |                    |         |           |
| 168                 |          |                    |            |      |           | 597                |                    |         |           |
| 6765                |          |                    |            |      |           | 559                |                    |         |           |
| $\frac{554}{501}$   |          |                    |            |      |           | 92<br>521          |                    |         |           |
| 826                 |          |                    |            |      |           | 46                 |                    |         |           |
| 8952                |          |                    |            |      |           | 368                |                    |         |           |
| 比较分                 | 数大小      |                    |            |      |           |                    |                    |         |           |
|                     | 44_      | 301                |            |      | 2         | 235                | 206                |         |           |
| $\overline{40}$     | 35       | 1360               |            |      | (2)       | 6978               | 5743               |         |           |
|                     | 90       | $\frac{992}{9359}$ |            |      | <u>(4</u> | $\frac{397}{2204}$ | $\frac{767}{3823}$ |         |           |
| 53                  | 326      | 9359               |            |      |           | <b>ZZU4</b>        | 3823               |         |           |



| 【练习                   | 三】假设分配/ |         |        |              |          |         |
|-----------------------|---------|---------|--------|--------------|----------|---------|
| 题干                    | 2287    | 5.7%    | 2919   | 8.2%         | 73889    | 11.4%   |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
| A <del>rte</del> 17-1 |         |         |        |              |          |         |
| 答案                    | 24470   | 10.70/  | 41.660 | 7.60/        | 24044    | 25 50/  |
| 题干                    | 24479   | 18.7%   | 41669  | 7.6%         | 24944    | 27.7%   |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
| 答案                    |         |         |        |              |          |         |
| 题干                    | 4824    | 20.3%   | 56899  | 23.4%        | 51046    | 89.6%   |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
| 答案                    |         |         |        |              |          |         |
| 题干                    | 69232   | 60.7%   | 1964   | 15.5%        | 25773    | 37.5%   |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
| AgAr s≥=              |         |         |        |              |          |         |
| 答案                    | 1076    | _ 2.00/ | 40124  | _ O F0/      | 2274     | _ ( 20/ |
| 题干                    | 1976    | -2.8%   | 40124  | <b>-9.5%</b> | 3271     | -6.2%   |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
|                       |         |         |        |              |          |         |
| 答案                    |         |         |        |              |          |         |
|                       |         |         |        |              | <u> </u> |         |



#### 速算练习八



| 【练ス             | ]一】加         | 1、减、乘法             |                |           |                  |                    |          |      |      |      |      | 【合条】迷昇砾。 |
|-----------------|--------------|--------------------|----------------|-----------|------------------|--------------------|----------|------|------|------|------|----------|
| <b>题干</b>       | 求和           | 3265               | 2713           | 6638      | 3823             |                    |          | 3423 | 1735 | 2163 | 5871 | L        |
|                 |              |                    |                |           |                  |                    |          |      |      |      |      |          |
|                 |              |                    |                |           |                  |                    |          |      |      |      |      |          |
| 答案              | 02           | 2 225              |                | 020       | 200              |                    | 041      |      | 252  | F2.  |      | 252      |
| 题干              | 83           | 2 — 325            |                | 929       | <del>- 290</del> |                    | 941      |      | 352  | 530  | 6 —  | 253      |
|                 |              |                    |                |           |                  |                    |          |      |      |      |      |          |
| 答案              |              |                    |                |           |                  |                    |          |      |      |      |      |          |
| 50年<br>野干       | 263          | × 13.49            | 6              | 624       | × 5.3%           | į                  | 542      | × 15 | 5.1% | 651  | ×    | 37.1%    |
|                 |              |                    |                |           |                  | l                  |          |      |      |      |      |          |
|                 |              |                    |                |           |                  |                    |          |      |      |      |      |          |
| 答案              |              |                    |                |           |                  |                    |          |      |      |      |      |          |
| 题干              | 548          | 3 × 8.6%           | )              | 237       | × 26.7%          |                    | 768      | × 22 | 2.4% | 811  | ×    | 63.9%    |
| 答案              |              | 11 to 11 11        | State B. P. P. |           |                  |                    |          |      |      |      |      |          |
|                 | ]二】除         | 法拆分、分              | 数大小比           | <b>北较</b> |                  | 150                |          |      |      |      |      |          |
| 368<br>327      |              |                    |                |           |                  | $\frac{172}{649}$  |          |      |      |      |      |          |
| 843             |              |                    |                |           |                  | 337                |          |      |      |      |      |          |
| 5012<br>7569    |              |                    |                |           |                  | 5937<br>6982       |          |      |      |      |      |          |
| 4886            |              |                    |                |           |                  | 7488               |          |      |      |      |      |          |
| 123<br>6174     |              |                    |                |           |                  | $\frac{159}{8769}$ |          |      |      |      |      |          |
| 501             |              |                    |                |           |                  | 4484               |          |      |      |      |      |          |
| 4951            |              |                    |                |           |                  | 8718               |          |      |      |      |      |          |
| 322<br>321      |              |                    |                |           |                  | $\frac{712}{8228}$ |          |      |      |      |      |          |
| 445             |              |                    |                |           |                  | 333                |          |      |      |      |      |          |
| 2237            | . akt. 1 . + |                    |                |           |                  | 3253               |          |      |      |      |      |          |
| 6.              | <b>数大小</b>   |                    |                |           |                  | 70                 | 2        |      | 515  |      |      |          |
|                 | 53           | $\frac{760}{2262}$ |                |           |                  | ② $\frac{70}{426}$ | <u>5</u> |      | 2873 |      |      |          |
| $\frac{78}{64}$ | 38           | 795                |                |           |                  | $45\frac{45}{684}$ | 2        |      | 539  |      |      |          |
| 64              | 77           | 6502               |                |           |                  | 684                | 4        |      | 7504 |      |      |          |



| 【练习       | 三】假设分配/ | "415"份数法 |       |              |       |        |
|-----------|---------|----------|-------|--------------|-------|--------|
| 题干        | 7272    | 6.7%     | 7201  | 5.4%         | 76030 | 16.2%  |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
| 答案        | 25264   | 10.107   | 00044 | 22.224       | 00055 | 10.10/ |
| 题干        | 35864   | 13.1%    | 80841 | 22.3%        | 90257 | 18.4%  |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
| 答案        |         |          |       |              |       |        |
| 题干        | 3395    | 9.6%     | 77864 | 74.5%        | 53746 | 54.2%  |
|           | 3313    | 110,0    |       | 1 110 70     |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
| 答案        |         |          |       |              |       |        |
| 题干        | 12930   | 22.7%    | 9363  | 8.6%         | 57107 | 12.8%  |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
| 答案        |         |          |       |              |       |        |
| 题干        | 8934    | -4.3%    | 22105 | <b>-9.2%</b> | 5943  | -6.6%  |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
|           |         |          |       |              |       |        |
| <b>グ安</b> |         |          |       |              |       |        |
| 答案        |         |          |       |              |       |        |



#### 速算练习九



【合条】迷昇珠习

| 勝下   求和   | 【练习                 | 一】加 | 、减  | 、乘法      |          |     |    |        |      |             |     |         |      |     | 1日末1 起并纵列 |
|---|---------------------|-----|-----|----------|----------|-----|----|--------|------|-------------|-----|---------|------|-----|-----------|
| 勝王 728 - 199 937 - 326 611 - 345 573 - 219  答案  | 题干                  |     |     |          | 4619     | 366 | 5  | 6797   |      |             | 303 | 31 9988 | 2331 | 380 | 9         |
| 勝王 728 - 199 937 - 326 611 - 345 573 - 219  答案  | '                   | '   |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 勝王 728 - 199 937 - 326 611 - 345 573 - 219  答案  |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 勝王 728 - 199 937 - 326 611 - 345 573 - 219  答案  | **                  |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 答案  |                     | =0/ |     | 400      |          | 005 |    | 22.6   | -    |             |     | 0.45    |      |     | 040       |
| 勝手 794 × 15.7% 381 × 9.3% 538 × 11.6% 459 × 38.3%   | 题十                  | 728 | 3 – | - 199    |          | 937 | _  | 326    |      | 611         |     | 345     | 57:  | 3 – | - 219     |
| 勝手 794 × 15.7% 381 × 9.3% 538 × 11.6% 459 × 38.3%   |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 勝手 794 × 15.7% 381 × 9.3% 538 × 11.6% 459 × 38.3%   |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 答案  | 答案                  |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 図字   281 × 8.4%   742 × 36.1%   385 × 15.7%   274 × 70.6%     答案  | 题干                  | 794 | ×   | 15.7%    |          | 381 | ×  | 9.3%   |      | 538         | ×   | 11.6%   | 459  | ×   | 38.3%     |
| 図字   281 × 8.4%   742 × 36.1%   385 × 15.7%   274 × 70.6%     答案  |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 図字   281 × 8.4%   742 × 36.1%   385 × 15.7%   274 × 70.6%     答案  |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 図字   281 × 8.4%   742 × 36.1%   385 × 15.7%   274 × 70.6%     答案  | A-4                 |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 答案 【练习二】除法拆分、分数大小比较    1  |                     | 201 |     | 0.40/    |          | 742 | ., | 27.107 | +    | 205         |     | 15 70/  | 274  | .,  | 70.60/    |
| (练习二】除法拆分、分数大小比较  | <b>趣十</b>           | 281 | . X | 8.4%     |          | /42 | ×  | 36.1%  |      | 385         | ×   | 15./%   | 2/4  | X   | /0.6%     |
| (练习二】除法拆分、分数大小比较  |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| (练习二】除法拆分、分数大小比较  |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| (练习二】除法拆分、分数大小比较  | 答案                  |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 601<br>424     912<br>457       747<br>4218     479<br>8113       6304<br>3246     6227<br>2125       365<br>3838     644<br>9095       381<br>5072     1362<br>3496       383<br>547     462<br>6044       118<br>7009     655<br>9545       比较分数大小       ① 390<br>5269     428<br>5972     2 498<br>2370     393<br>1736  |                     | 二】除 | 法拆  | <br>分、分数 | <br>数大小! | 比较  |    |        |      |             |     |         |      |     |           |
| 747<br>4218     479<br>8113       6304<br>3246     6227<br>2125       365<br>3838     644<br>9095       381<br>5072     1362<br>3496       383<br>547     462<br>6044       118<br>7009     655<br>9545       比较分数大小     2     498<br>2370     393<br>1736  | 601                 |     |     |          |          |     |    |        | 912  |             |     |         |      |     |           |
| 1362   3496   3496   3496   393   393   3736   365   365   365   3672 | 424                 |     |     |          |          |     |    |        | 457  |             |     |         |      |     |           |
| 6304<br>3246     6227<br>2125       365<br>3838     644<br>9095       381<br>5072     1362<br>3496       883<br>547     462<br>6044       118<br>7009     655<br>9545       比较分数大小     995       ① 390<br>5269     428<br>5972     393<br>1736  | 747                 |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| $     \begin{array}{ccccccccccccccccccccccccccccccccc$  |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| $     \begin{array}{c}                                     $  | $\frac{6304}{2346}$ |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| 3838     9095       381 5072     1362 3496       883 547     462 6044       118 7009     655 9545       比较分数大小     2 498 2370     393 1736  |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
| $     \begin{array}{c}         \frac{381}{5072} \\         \frac{3883}{547} \\         \frac{462}{6044} \\         \frac{118}{7009} \\         \frac{655}{9545} \\         \text{比较分数大小} \\         \underbrace{1}{0} \frac{390}{5269} \frac{428}{5972} \\         \end{array} $  |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
|   |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
|   | 5072                |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
|   | 883                 |     |     |          |          |     |    |        | 462  |             |     |         |      |     |           |
|   | 547                 |     |     |          |          |     |    |        | 6044 | 1           |     |         |      |     |           |
| 比较分数大小 $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$   | 118                 |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
|   | 7009                |     |     |          |          |     |    |        | 9545 | 5           |     |         |      |     |           |
| $\frac{1}{5269}$ $\frac{2}{5972}$ $\frac{2}{2370}$ $\frac{1}{1736}$   |                     |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
|   |                     |     | _   |          |          |     |    |        | 2    |             |     |         |      |     |           |
| F00   | 52                  |     |     |          |          |     |    |        |      |             |     |         |      |     |           |
|   |                     |     |     |          |          |     |    |        | 4    | 390<br>9238 |     |         |      |     |           |



| 【练习   |        | "415"份数法 |       |       |       |       |
|-------|--------|----------|-------|-------|-------|-------|
| 题干    | 9461   | 7.4%     | 8149  | 17.1% | 15879 | 9.9%  |
|       |        |          |       |       |       |       |
| 答案    |        |          |       |       |       |       |
| 题干    | 78290  | 27.7%    | 24505 | 19.9% | 84915 | 9.2%  |
|       |        |          |       |       |       |       |
| 答案    |        |          |       |       |       |       |
| 题干    | 8456   | 12.3%    | 58322 | 52.6% | 23221 | 46.1% |
| MA SA |        |          |       |       |       |       |
| 答案    | 0.1710 |          |       |       |       |       |
| 题干    | 84512  | 25.6%    | 1735  | 23.7% | 28777 | 18.9% |
| 答案    |        |          |       |       |       |       |
| 题干    | 3214   | -4.5%    | 96579 | -5.1% | 5196  | -6.9% |
|       |        |          |       |       |       |       |
| 答案    |        |          |       |       |       |       |



#### 速算练习十



| 【练习                        | 一】加、 | 、减、 | 、乘法                 |     |      |   |        |                     |             |    |          |      |     |         |
|----------------------------|------|-----|---------------------|-----|------|---|--------|---------------------|-------------|----|----------|------|-----|---------|
| 题干                         | 求和   |     | 8237                | 589 | 7012 | 8 | 146    |                     |             | 54 | 181 2908 | 2747 | 658 | 3       |
|                            |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
|                            |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
| Act size                   |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
| 答案<br>题干                   | 541  |     | 293                 |     | 725  |   | 152    |                     | 959         | _  | 308      | 970  | _   | 323     |
| PES T                      | 341  |     | 293                 |     | 723  |   | 132    |                     | 939         |    | 300      | 970  |     | 323     |
|                            |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
|                            |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
| 答案                         |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
| 题干                         | 697  | ×   | 7.1%                |     | 872  | X | 9.9%   |                     | 721         | ×  | 8.2%     | 607  | ×   | 25.7%   |
|                            |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
|                            |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
| 答案                         |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
| 题干                         | 304  | ×   | 18.8%               |     | 494  | × | 78.6%  |                     | 407         | ×  | 17.3%    | 540  | ×   | 65.4%   |
| ACS I                      | 304  |     | 10.0 /0             |     | T)T  | ^ | 70.070 |                     | 107         |    | 17.570   | 340  | ^   | 03.4 /0 |
|                            |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
|                            |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
| 答案                         |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
| 【练习                        | 二】除  | 去拆? | 分、分数                | 大小  | 比较   |   |        |                     |             |    |          | •    |     |         |
| 195                        |      |     |                     |     |      |   |        | 974                 |             |    |          |      |     |         |
| 755                        |      |     |                     |     |      |   |        | 183                 |             |    |          |      |     |         |
| $\frac{951}{1563}$         |      |     |                     |     |      |   |        | $\frac{785}{8045}$  |             |    |          |      |     |         |
|                            |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
| $\frac{9530}{2597}$        |      |     |                     |     |      |   |        | $\frac{2952}{5885}$ |             |    |          |      |     |         |
| 232                        |      |     |                     |     |      |   |        | 994                 |             |    |          |      |     |         |
| 6173                       |      |     |                     |     |      |   |        | 3579                |             |    |          |      |     |         |
| 409                        |      |     |                     |     |      |   |        | 1459                |             |    |          |      |     |         |
| 1913                       |      |     |                     |     |      |   |        | 7861                | -           |    |          |      |     |         |
| 666                        |      |     |                     |     |      |   |        | 155                 | _           |    |          |      |     |         |
| 898                        |      |     |                     |     |      |   |        | 9059                | )           |    |          |      |     |         |
| $\frac{851}{2608}$         |      |     |                     |     |      |   |        | $\frac{887}{5994}$  | -<br>L      |    |          |      |     |         |
|                            |      |     |                     |     |      |   |        |                     |             |    |          |      |     |         |
| 15                         |      |     | 372                 |     |      |   |        |                     | 366         |    | 476      |      |     |         |
| $\frac{1}{97}$             |      |     | 37 <u>2</u><br>3471 |     |      |   |        | 2 -                 | 4776        |    | 5459     |      |     |         |
| 84                         | 19   |     | 946                 |     |      |   |        |                     | 626         |    | 575      |      |     |         |
| $\boxed{3}  \frac{69}{57}$ | 24   |     | 5231                |     |      |   |        | 4 7                 | 626<br>9261 |    | 8948     |      |     |         |



| 【练习       | 三】假设分配/ | "415"份数法 |       |        |       |        |
|-----------|---------|----------|-------|--------|-------|--------|
| 题干        | 9899    | 6.1%     | 4054  | 5.5%   | 27927 | 15.8%  |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
| 答案        |         |          |       |        |       |        |
| 题干        | 54183   | 9.3%     | 77967 | 17.9%  | 28701 | 11.9%  |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
| <b>炒安</b> |         |          |       |        |       |        |
| 答案        | 6504    | 14 20/   | 00424 | 27.70/ | 07025 | 74.20/ |
| 题干        | 6594    | 14.2%    | 90424 | 27.7%  | 87925 | 74.3%  |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
| 答案        |         |          |       |        |       |        |
| 题干        | 63749   | 27.1%    | 2167  | 6.4%   | 18971 | 14.4%  |
| ,         |         | ,        |       |        |       | 7      |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
| 答案        |         |          |       |        |       |        |
| 题干        | 7600    | -4.1%    | 85033 | -5.6%  | 6451  | -12.7% |
|           |         |          |       |        | •     |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
|           |         |          |       |        |       |        |
| 答案        |         |          |       |        |       |        |



#### 速算练习十一



| 【练习                 | 7一】加         | 1、减 | 、乘法                |         |      |   |       |                    |             |    |                   |      |      |        |
|---------------------|--------------|-----|--------------------|---------|------|---|-------|--------------------|-------------|----|-------------------|------|------|--------|
| 题干                  | 求和           |     | 592                | 4089    | 1492 | 3 | 625   |                    |             | 91 | 14 761            | 5274 | 7974 | 1      |
|                     |              | •   |                    |         |      |   |       |                    |             |    |                   |      |      |        |
|                     |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
| **                  |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
| 答案                  | 0=           |     | 406                |         | =00  |   |       |                    |             |    | 222               |      |      | 222    |
| 题干                  | 85           | 9 – | 136                |         | 523  |   | 234   |                    | 611         |    | 333               | 57   | /2 – | 209    |
|                     |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
|                     |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
| 答案                  |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
| 题干                  | 362          | . × | 18.6%              | ó       | 162  | × | 5.6%  |                    | 225         | ×  | 9.6%              | 290  | ) ×  | 15.7%  |
|                     |              |     |                    |         |      |   |       | •                  |             |    |                   |      |      |        |
|                     |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
| A-4                 |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
| 答案                  | 476          | ,   | 45.60              | ,       | 020  |   | T 00/ |                    | 726         | ~  | 24.20/            | 42'  | ) v  | 75.00/ |
| 题干                  | 476          | ) X | 45.6%              | 0       | 939  | × | 5.9%  |                    | 726         | ×  | 24.2%             | 422  | 2 ×  | 75.9%  |
|                     |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
|                     |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
| 答案                  |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
|                     | ]二】 <b>隊</b> | 法拆  | 分、分                | <br>数大小 | 比较   |   |       |                    |             |    |                   |      |      |        |
| 724                 |              |     |                    |         |      |   |       | 666                |             |    |                   |      |      |        |
| 421                 |              |     |                    |         |      |   |       | 311                |             |    |                   |      |      |        |
| 339                 |              |     |                    |         |      |   |       | 357                | _           |    |                   |      |      |        |
| 6759                |              |     |                    |         |      |   |       | 581                | 4           |    |                   |      |      |        |
| $\frac{4083}{3074}$ |              |     |                    |         |      |   |       | 5685<br>3955       |             |    |                   |      |      |        |
|                     |              |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
| $\frac{377}{1756}$  |              |     |                    |         |      |   |       | $\frac{714}{6386}$ |             |    |                   |      |      |        |
| 989                 |              |     |                    |         |      |   |       | 635                |             |    |                   |      |      |        |
| 1864                |              |     |                    |         |      |   |       | 300                | _           |    |                   |      |      |        |
| 531                 |              |     |                    |         |      |   |       | 657                |             |    |                   |      |      |        |
| 348                 |              |     |                    |         |      |   |       | 7383               | 3           |    |                   |      |      |        |
| 221                 |              |     |                    |         |      |   |       | 567                |             |    |                   |      |      |        |
| 3253                | Salet I F    |     |                    |         |      |   |       | 6788               | 3           |    |                   |      |      |        |
|                     | 数大小          |     |                    |         |      |   |       |                    |             |    |                   |      |      |        |
| ① $\frac{44}{15}$   | 42<br>01     |     | 205<br>894         |         |      |   |       | 2                  | 440<br>2445 |    | $\frac{104}{661}$ |      |      |        |
| 20                  |              |     |                    |         |      |   |       |                    |             |    | 976               |      |      |        |
| $3 \frac{36}{36}$   | 33<br>01     |     | $\frac{423}{4139}$ |         |      |   |       | 4                  | 813<br>2909 |    | 3355              |      |      |        |



| 【练习  | 三】假设分配/  | "415"份数法 |       |         |          |        |
|------|----------|----------|-------|---------|----------|--------|
| 题干   | 4504     | 5.4%     | 4447  | 7.1%    | 35714    | 6.5%   |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
| 答案   |          |          |       |         |          |        |
| 题干   | 27005    | 17.8%    | 40280 | 26.9%   | 12775    | 39.4%  |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
| 答案   |          |          |       |         |          |        |
| 题干   | 5357     | 45.6%    | 28563 | 85.5%   | 75744    | 42.2%  |
| 咫二   | 3337     | 45.0%    | 20303 | 05.5%   | 73744    | 42.2%  |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
| 答案   |          |          |       |         |          |        |
| 题干   | 97534    | 35.8%    | 4300  | 14.7%   | 30034    | 11.9%  |
| 72 1 | 77001    | 551070   | 1500  | 1117 70 | 30031    | 11.770 |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
| 答案   |          |          |       |         |          |        |
| 题干   | 2968     | -1.6%    | 65565 | -5.8%   | 4447     | -8.2%  |
|      | <u> </u> |          |       |         | <u> </u> |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
|      |          |          |       |         |          |        |
| 答案   |          |          |       |         |          |        |
|      |          |          | L     |         | L        |        |



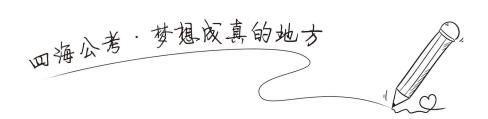
#### 速算练习十二



| 【练习一】加、减、乘法         |           |          |             |              |             |   |       |                     |            |    |             |      |      |       |
|---------------------|-----------|----------|-------------|--------------|-------------|---|-------|---------------------|------------|----|-------------|------|------|-------|
| 题干                  | 求和        |          | 987         | 3825         | 3704        | 4 | 584   |                     |            | 88 | 35 7566     | 7559 | 7951 |       |
|                     |           |          |             |              |             |   |       |                     |            |    |             |      |      |       |
| 答案                  |           |          |             |              |             |   |       |                     |            |    |             |      |      |       |
| 题干                  | 983       | 3 —      | 288         |              | 682         | _ | 169   |                     | 704        | _  | 211         | 540  | ) –  | 149   |
|                     |           |          |             |              |             |   |       |                     |            |    |             |      |      |       |
| 答案                  |           |          |             |              |             |   |       |                     |            |    |             |      |      |       |
| 题干                  | 907       | ×        | 16.6%       | )            | 548         | × | 6.9%  |                     | 485        | ×  | 11.3%       | 602  | ×    | 22.7% |
|                     |           |          |             | I            |             |   |       |                     |            |    |             |      |      |       |
| 答案                  |           |          |             |              |             |   |       |                     |            |    |             |      |      |       |
| 题干                  | 526       | ×        | 9.5%        |              | 148         | × | 45.6% |                     | 415        | ×  | 29.7%       | 881  | ×    | 64.6% |
| Bath 12-1           |           |          |             |              |             |   |       |                     |            |    |             |      |      |       |
| 答案                  |           | \. i i.~ | <i>*</i>    | ntet . I . I | 11. المحادة |   |       |                     |            |    |             |      |      |       |
|                     | ]二】除      | 法办?      | 分、分:        | 数大小          | 比较          |   |       |                     |            |    |             |      |      |       |
| $\frac{153}{529}$   |           |          |             |              |             |   |       | $\frac{303}{629}$   |            |    |             |      |      |       |
| $\frac{214}{6888}$  |           |          |             |              |             |   |       | $\frac{563}{1929}$  |            |    |             |      |      |       |
| $\frac{3354}{3537}$ |           |          |             |              |             |   |       | $\frac{7823}{5169}$ |            |    |             |      |      |       |
| 506<br>2706         |           |          |             |              |             |   |       | $\frac{485}{8445}$  |            |    |             |      |      |       |
| 465<br>4875         |           |          |             |              |             |   |       | $\frac{5996}{1419}$ |            |    |             |      |      |       |
| 628<br>364          |           |          |             |              |             |   |       | $\frac{472}{9478}$  |            |    |             |      |      |       |
| $\frac{906}{4594}$  |           |          |             |              |             |   |       | $\frac{366}{5114}$  |            |    |             |      |      |       |
|                     |           |          |             |              |             |   |       | •                   |            |    |             |      |      |       |
| (1) 62              | 11 46     |          | 889<br>2930 |              |             |   |       |                     | 373<br>147 |    | 446<br>7998 |      |      |       |
|                     | 87<br>194 |          | 215<br>9521 |              |             |   |       |                     | 365<br>374 |    | 585<br>4515 |      |      |       |



| 【练习 | 三】假设分配/ | "415"份数法 |       |       |       |        |
|-----|---------|----------|-------|-------|-------|--------|
| 题干  | 9633    | 9.6%     | 4915  | 8.1%  | 57322 | 6.1%   |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       | I     |        |
| 答案  |         |          |       |       |       |        |
| 题干  | 70941   | 18.6%    | 50478 | 22.2% | 82622 | 23.1%  |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       | I     |        |
| 答案  |         |          |       |       |       |        |
| 题干  | 4218    | 29.2%    | 75889 | 55.9% | 62639 | 82.3%  |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       | T     |        |
| 答案  |         |          |       |       |       |        |
| 题干  | 23070   | 35.9%    | 4403  | 15.1% | 84317 | 37.2%  |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       | Τ     |        |
| 答案  |         |          |       |       |       |        |
| 题干  | 3480    | -7.2%    | 37995 | -8.2% | 5306  | -10.4% |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       |       |        |
|     |         |          |       |       | T     |        |
| 答案  |         |          |       |       |       |        |





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