

# 速算单项作业三

## 练习一：加、减、乘法

题干	求和	9964	6644	3673	1966	7815	4731	7082	3843			
<div><div><div><div>19</div><div>30</div><div>23</div><div>17</div></div><div>22247</div></div><div><div>21</div><div>23</div><div>16</div><div>11</div></div><div>23471</div></div>												
		22247				23471						
题干	896	-	145	522	-	317	654	-	158	744	-	352
<div><div>751</div><div>205</div><div>500-4=496</div><div>392</div></div>												
		751		205		496		392				
题干	126	×	7.10%	232	×	8.50%	511	×	6.90%	817	×	34.10%
<div><div>125<div>718=9-</div></div><div><div>23</div><div>-2</div><div>-1</div><div>20</div></div><div>10%-1%-0.5%</div><div>35</div><div>7%-0.1%</div><div><div>272</div><div>+6</div><div>278</div></div><div>13+0.8%</div></div>												
		8.9		19.7		35.3		278.6				
题干	814	×	16.80%	981	×	60.40%	203	×	26.70%	623	×	40.50%
<div><div><div>136</div><div>+1</div><div>137</div></div><div>16+0.1%</div><div><div>491</div><div>+98</div><div>+4</div><div>593</div></div><div>50%+10%+0.4%</div><div>200+3</div><div><div>53</div><div>+1</div><div>54</div></div><div><div>311</div><div>-62</div><div>+3</div><div>252</div></div><div>50%-10%+0.5%</div></div>												
		136.8		592.5		54.2		252.3				

## 练习二：除法拆分、分数大小比较

<del>349</del> 448	<del>79</del> 89-10	$= 1 - 20\% - 2\% = 78\%^-$	77.90%	$\frac{911}{706}$	$\begin{array}{r} 706 + 212 - 7 \end{array}$	$= 1 + 30\% - 1\% = 1.29^+$	129.04%
251		$= 4\%^-$	3.69%	$\frac{685}{7715}$	$\begin{array}{r} 772 - 87 \end{array}$	$= 10\% - 1\% = 9\%^-$	8.88%
6805	<del>2043</del> 230-26	$= 66.7\% - 8\% = 58.7\%^+$	58.94%	$\frac{8151}{9371}$	$\begin{array}{r} 937 - 722 \end{array}$	$= 1 - 10\% - 3\% = 87\%$	86.98%
3466	<del>337</del> 395-58	$= 10\% - 1.5\% = 8.5\%$	8.53%	$\frac{599}{4168}$	$\begin{array}{r} 417 + 182 \end{array}$	$= 10\% + 4\% = 14\%^+$	14.37%
3952	<del>639</del> 714-75	$= 20\% - 2\% = 18\%^-$	17.89%	$\frac{6729}{3334}$	$\begin{array}{r} 666 + 6 \end{array}$	$= 2 + 2\% = 2.02^-$	201.83%
3571	<del>711</del> 934-222 187-36	$= 1 - 20\% - 4\% = 76\%^+$	76.12%	$\frac{613}{3407}$	$\begin{array}{r} 681 - 68 \end{array}$	$= 20\% - 2\% = 18\%$	17.99%
934	<del>849</del> 489+360	$= 10\% + 7\% = 17\%^+$	17.38%	$\frac{793}{5594}$	$\begin{array}{r} 559 + 234 \end{array}$	$= 10\% + 4\% = 14\%^+$	14.18%
4886							

## 比较分数大小

①	$\frac{441}{6927}$	$<$	$\frac{226}{3419}$
②	$\frac{683}{4917}$	$>$	$\frac{517}{4157}$
③	$\frac{64}{875}$	$>$	$\frac{939}{4052}$
④	$\frac{49}{445}$	$<$	$\frac{494}{2339}$

练习三：假设分配/“415”份数法						
题干	7437	6.30%	6718	9.30%	52973	8.40%
	$\begin{array}{r} 700 \overline{) 7437} \\ \underline{-144} \\ 699 \end{array}$	44	$\begin{array}{r} 600 \overline{) 6718} \\ \underline{-156} \\ 14 \end{array}$	57	$\begin{array}{r} 500 \overline{) 52973} \\ \underline{-1342} \\ -12 \end{array}$	41
	6996	441	6146	572	48868	4105
题干	84868	18.20%	90054	28.10%	96712	12.70%
	$\begin{array}{r} 700 \overline{) 84868} \\ \underline{-21127} \\ 18 \end{array}$	$\begin{array}{r} 7 \overline{) 56} \\ \underline{-14} \\ 1274 \end{array}$	$\begin{array}{r} 700 \overline{) 90054} \\ \underline{-3197} \\ 3 \end{array}$	$\begin{array}{r} 14 \overline{) 56} \\ \underline{-7} \\ 1967 \end{array}$	$\begin{array}{r} 900 \overline{) 96712} \\ \underline{-47114} \\ -42 \end{array}$	$\begin{array}{r} 9 \overline{) 18} \\ \underline{-63} \\ 1143 \end{array}$
	718	130	703	197	858	109
	71800	13068	70300	19754	85814	10898
题干	6320	13.30%	62503	85.50%	61229	57.20%
	$\begin{array}{r} 600 \overline{) 6320} \\ \underline{-48} \\ -42 \end{array}$	$\begin{array}{r} 6 \overline{) 18} \\ \underline{-18} \\ 798 \end{array}$	$\begin{array}{r} 300 \overline{) 62503} \\ \underline{-68257} \\ 30 \end{array}$	$\begin{array}{r} 24 \overline{) 15} \\ \underline{-15} \\ 2565 \end{array}$	$\begin{array}{r} 400 \overline{) 61229} \\ \underline{-17229} \\ -11 \end{array}$	$\begin{array}{r} 20 \overline{) 288} \\ \underline{-288} \\ 2288 \end{array}$
	558	74	337	288	389	223
	5578	742	33694	28809	38950	22279
题干	35962	94.80%	6617	22.20%	36851	27.80%
	$\begin{array}{r} 200 \overline{) 35962} \\ \underline{-31190} \\ -16 \end{array}$	$\begin{array}{r} 16 \overline{) 15} \\ \underline{-15} \\ 184 \end{array}$	$\begin{array}{r} 500 \overline{) 6617} \\ \underline{-50111} \\ 41 \end{array}$	$\begin{array}{r} 41 \overline{) 50} \\ \underline{-41} \\ 9 \end{array}$	$\begin{array}{r} 300 \overline{) 36851} \\ \underline{-1583} \\ -12 \end{array}$	$\begin{array}{r} 6 \overline{) 24} \\ \underline{-24} \\ 834 \end{array}$
	184	175	541	120	288	80
	18461	17501	5415	1202	28835	8016
题干	9813	-4.90%	22827	-6.90%	6682	-11.50%
	$X \approx 981 \times (-4.9\%) = -50$ $A = 981 + 50 = 1031$	$A = \frac{228}{1-6.9\%} = 245$ $X = 228 - 245 = -17$	$A = \frac{668}{1-11.5\%} = 755$ $X = 668 - 755 = -87$			
	10319	-506	24519	-1692	7550	-868