

## 速算单项作业六

### 练习一：加、减、乘法

题干	求和	9662 4122 8346 2067	703 7796 4795 4684
		$\begin{array}{r} 23 \\ 18 \\ \hline 17 \\ 24197 \end{array}$	$\begin{array}{r} 15 \\ 27 \\ 26 \\ \hline 18 \\ 17978 \end{array}$
		24197	17978
题干		963 - 336	505 - 292
		$\begin{array}{r} 627 \\ - 336 \\ \hline 213 \end{array}$	$\begin{array}{r} 759 \\ - 278 \\ \hline 481 \end{array}$
		213	481
		627	755
题干		213	481
题干		481	755
题干	$528 \times 17.50\%$	$449 \times 9.50\%$	$193 \times 5.40\%$
	$\begin{array}{r} 88 \\ + 4 \\ \hline 92 \end{array}$	$\begin{array}{r} 16.7 + 0.8 \\ - 2 \\ \hline 43 \end{array}$	$\begin{array}{r} 10 + \\ 5 + 0.4 \\ + 2 \\ \hline 51 \end{array}$
	17.50%	9.50%	5.40%
题干	92.4	42.7	10.4
题干	$321 \times 9.70\%$	$252 \times 5.90\%$	$165 \times 11.90\%$
	$\begin{array}{r} 32 \\ - 31 \\ \hline 1 \end{array}$	$\begin{array}{r} 10 - 0.3 \\ + 12 \\ \hline 15 \end{array}$	$\begin{array}{r} 10 + 0.8 \\ + 18 \\ \hline 19 \end{array}$
	9.70%	5.90%	11.90%
题干	31.1	14.9	19.6
题干			567.3

### 练习二：除法拆分、分数大小比较

$\frac{788}{795} - 7 = 1 - 1/^- = 99/^-$	$99.12\%$	$\frac{534}{211} \begin{array}{r} 127 + 7 \\ - 211 \\ \hline \end{array} = 2.5 + 3/^+ = 2.53^+$	$253.08\%$
$\frac{782}{6238} \begin{array}{r} 624 + 158 \\ - 6238 \\ \hline \end{array} = 10/ + 2/^+ = 12/^+$	$12.54\%$	$\frac{882}{3575} \begin{array}{r} 714 + 168 \\ - 3575 \\ \hline \end{array} = 20/ + 5/^- = 25/^-$	$24.67\%$
$\frac{7835}{7368} \begin{array}{r} 736 + 47 \\ - 7368 \\ \hline \end{array} = 1 + 6/^+ = 1.06^+$	$106.34\%$	$\frac{6151}{8222} \begin{array}{r} 1822 - 207 \\ - 8222 \\ \hline 246 + 39 \end{array} = 1 - 30/ + 5/^- = 74/^-$	$74.81\%$
$\frac{622}{5378} \begin{array}{r} 538 + 84 \\ - 5378 \\ \hline \end{array} = 10/ + 2/^- = 12/^-$	$11.57\%$	$\frac{898}{3639} \begin{array}{r} 728 + 170 \\ - 3639 \\ \hline \end{array} = 20/ + 5/^- = 25/^-$	$24.68\%$
$\frac{113}{6784} = 2/^-$	$1.67\%$	$\frac{5823}{1799} \begin{array}{r} 537 + 444 - 9 \\ - 1799 \\ \hline \end{array} = 3 + 30/ - 5/^+ = 3.25^-$	$323.68\%$
$\frac{922}{613} \begin{array}{r} 613 + 307 + 2 \\ - 613 \\ \hline \end{array} = 1 + 50/^+ = 1.5^+$	$150.41\%$	$\frac{346}{4481} = 8/^-$	$7.72\%$
$\frac{322}{7708} = 4/^+$	$4.18\%$	$\frac{826}{1417} \begin{array}{r} 707 + 119 \\ - 1417 \\ \hline \end{array} = 50/ + 8/^+ = 58/^+$	$58.29\%$

### 比较分数大小

①	$\frac{896}{8096}$	$\frac{2/^-}{3/} < \frac{883}{7858}$	②	$\frac{976}{1362}$	$\frac{20/^-}{20/^+} < \frac{831}{1130}$
③	$\frac{40}{321}$	$\frac{10/^+}{10/^-} < \frac{361}{8162}$	④	$\frac{130}{2498}$	$\frac{20/^+}{20/^-} < \frac{158}{2855}$

练习三：假设分配/“415”份数法

题干	1787	6.40%	5959	7.40%	7581	5.10%
	$\begin{array}{r} 100 \\ -72 \\ \hline 28 \end{array}$ 68 $\begin{array}{r} 168 \\ -10 \\ \hline 58 \end{array}$		$\begin{array}{r} 600 \\ -58 \\ \hline 12 \end{array}$ $\begin{array}{r} 12 \\ -4 \\ \hline 8 \end{array}$ $\begin{array}{r} 54 \\ -41 \\ \hline 33 \end{array}$		$\begin{array}{r} 700 \\ -22 \\ \hline 48 \end{array}$ $\begin{array}{r} 48 \\ -1 \\ \hline 7 \end{array}$ $\begin{array}{r} 721 \\ -37 \\ \hline 35 \end{array}$	
	1680	107	5548	411	72199	3682
题干	77424	13.50%	68807	10.70%	86876	18.50%
	$\begin{array}{r} 700 \\ -21 \\ \hline 49 \end{array}$ $\begin{array}{r} 18 \\ -7 \\ \hline 11 \end{array}$ $\begin{array}{r} 682 \\ -92 \\ \hline 76 \end{array}$	$\begin{array}{r} 700 \\ -35 \\ \hline 35 \end{array}$ $\begin{array}{r} 945 \\ -945 \\ \hline 0 \end{array}$	$\begin{array}{r} 600 \\ -24 \\ \hline 36 \end{array}$ $\begin{array}{r} 36 \\ -22 \\ \hline 14 \end{array}$ $\begin{array}{r} 622 \\ -66 \\ \hline 56 \end{array}$		$\begin{array}{r} 700 \\ -38 \\ \hline 32 \end{array}$ $\begin{array}{r} 1295 \\ -1295 \\ \hline 0 \end{array}$ $\begin{array}{r} 732 \\ -136 \\ \hline 58 \end{array}$	
	68215	9209	62156	6651	73313	13563
题干	5831	34.60%	74798	61.30%	4809	17.50%
	$\begin{array}{r} 400 \\ -45 \\ \hline 35 \end{array}$ $\begin{array}{r} 35 \\ -12 \\ \hline 23 \end{array}$ $\begin{array}{r} 433 \\ -150 \\ \hline 283 \end{array}$	$\begin{array}{r} 12 \\ -24 \\ \hline 184 \end{array}$	$\begin{array}{r} 600 \\ -60 \\ \hline 30 \end{array}$ $\begin{array}{r} 30 \\ -23 \\ \hline 7 \end{array}$ $\begin{array}{r} 463 \\ -284 \\ \hline 179 \end{array}$		$\begin{array}{r} 400 \\ -10 \\ \hline 30 \end{array}$ $\begin{array}{r} 30 \\ -2 \\ \hline 8 \end{array}$ $\begin{array}{r} 408 \\ -72 \\ \hline 236 \end{array}$	
	4332	1499	46372	28426	40859	7150
题干	45948	22.30%	6528	8.60%	14304	20.40%
	$\begin{array}{r} 600 \\ -30 \\ \hline 25 \end{array}$ $\begin{array}{r} 25 \\ -5 \\ \hline 20 \end{array}$ $\begin{array}{r} 375 \\ -84 \\ \hline 291 \end{array}$		$\begin{array}{r} 600 \\ -52 \\ \hline 8 \end{array}$ $\begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array}$ $\begin{array}{r} 600 \\ -62 \\ \hline 38 \end{array}$		$\begin{array}{r} 100 \\ -23 \\ \hline 77 \end{array}$ $\begin{array}{r} 77 \\ -4 \\ \hline 73 \end{array}$ $\begin{array}{r} 119 \\ -24 \\ \hline 95 \end{array}$	
	37570	8378	6011	517	11880	2424
题干	8329 885	-1.70%	92364 949	-5.10%	4807 469	-6.20%
	$\begin{array}{r} 900 \\ -13 \\ \hline 77 \end{array}$ $\begin{array}{r} 77 \\ -1 \\ \hline 76 \end{array}$ $\begin{array}{r} 846 \\ -14 \\ \hline 832 \end{array}$	$x \approx 833 \times (-1.7/1) = -14$ $A = 833 + 14 = 847$	$\begin{array}{r} 1000 \\ -11 \\ \hline 89 \end{array}$ $\begin{array}{r} 89 \\ -1 \\ \hline 88 \end{array}$ $\begin{array}{r} 973 \\ -10 \\ \hline 963 \end{array}$	$x \approx 923 \times (-5.1/1) = -46 - 1 = -47$ $A = 923 + 47 = 970$	$\begin{array}{r} 700 \\ -31 \\ \hline 39 \end{array}$ $\begin{array}{r} 39 \\ -1 \\ \hline 38 \end{array}$ $\begin{array}{r} 12 \\ -1 \\ \hline 11 \end{array}$ $\begin{array}{r} 12 \\ -32 \\ \hline 40 \end{array}$	$A = \frac{481}{0.938} = 513$ $x = 481 - 513 = -32$
	8473	-144	97328	-4964	5125	-318