

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
		$\begin{array}{r} 19 \\ 30 \\ 23 \\ \hline 11 \\ 2247 \end{array}$	$\begin{array}{r} 21 \\ 23 \\ 16 \\ \hline 11 \\ 23471 \end{array}$
		22247	23471
题干	896 - 145	522 - 317	654 - 158
	751	205	$500 - 4 = 496$
	751	205	392
	751	205	496
题干	126 \times 7.10%	232 \times 8.50%	511 \times 6.90%
	$126 \times \frac{71}{100} = 9 -$	$232 \times \frac{85}{100} = 19 -$	$511 \times \frac{69}{100} = 35 -$
	8.9	19.7	35.3
题干	814 \times 16.80%	981 \times 60.40%	203 \times 26.70%
	$814 \times \frac{168}{1000} = 136.8$	$981 \times \frac{604}{1000} = 592.5$	$203 \times \frac{267}{1000} = 54.2$
	136.8	592.5	54.2
	136.8	592.5	252.3

练习二：除法拆分、分数大小比较

$\frac{349}{448} - \frac{448}{89} = 1 - 20\% - 2\% = 78\%$	$\frac{77.90\%}{706} = 1 + 30\% - 1\% = 1.29$	$\frac{129.04\%}{706} = 1 + 30\% - 1\% = 1.29$
$\frac{251}{6805} = 4\%$	$\frac{3.69\%}{7715} = 10\% - 1\% = 9\%$	$\frac{8.88\%}{7715} = 10\% - 1\% = 9\%$
$\frac{2043}{3466} = 66.7\% - 8\% = 58.7\%$	$\frac{58.94\%}{9371} = 1 - 10\% - 3\% = 87\%$	$\frac{86.98\%}{9371} = 1 - 10\% - 3\% = 87\%$
$\frac{3952}{337} = 10\% - 1.5\% = 8.5\%$	$\frac{8.53\%}{4168} = 10\% + 4\% = 14\%$	$\frac{14.37\%}{4168} = 10\% + 4\% = 14\%$
$\frac{3571}{639} = 20\% - 2\% = 18\%$	$\frac{17.89\%}{3334} = 2 + 2\% = 2.02$	$\frac{201.83\%}{3334} = 2 + 2\% = 2.02$
$\frac{934}{711} = 1 - 20\% - 4\% = 76\%$	$\frac{76.12\%}{3407} = 20\% - 2\% = 18\%$	$\frac{17.99\%}{3407} = 20\% - 2\% = 18\%$
$\frac{4886}{849} = 10\% + 7\% = 17\%$	$\frac{17.38\%}{5594} = 10\% + 4\% = 14\%$	$\frac{14.18\%}{5594} = 10\% + 4\% = 14\%$

比较分数大小

① $\frac{441}{6927} < \frac{226}{3419}$	② $\frac{683}{4917} > \frac{517}{76}$
③ $\frac{64}{875} > \frac{939}{3669}$	④ $\frac{445}{2235} < \frac{494}{2339}$

练习三：假设分配/“415”份数法

题干	7437	6. 30%	6718	9. 30%	52973	8. 40%
	$\begin{array}{r} 700 \\ -1 \\ \hline 699 \end{array}$	$\begin{array}{r} 600 \\ -15 \\ \hline 14 \end{array}$	$\begin{array}{r} 500 \\ -13 \\ \hline -12 \end{array}$	$\begin{array}{r} 488 \\ 41 \end{array}$		
	44	1	1	41		
	699	44	614	57	488	41
	6996	441	6146	572	48868	4105
题干	84868	18. 20%	90054	28. 10%	96712	12. 70%
	$\begin{array}{r} 700 \\ -21 \\ \hline -18 \end{array}$	$\begin{array}{r} 700 \\ -56 \\ \hline -14 \end{array}$	$\begin{array}{r} 700 \\ -3 \\ \hline 197 \end{array}$	$\begin{array}{r} 14 \\ -56 \\ \hline 7 \end{array}$	$\begin{array}{r} 900 \\ -47 \\ \hline -42 \end{array}$	$\begin{array}{r} 18 \\ -63 \\ \hline 1143 \end{array}$
	130	1274	130	197	109	
	718	130	703	197	858	109
	71800	13068	70300	19754	85814	10898
题干	6326	13. 30%	62503	85. 50%	61229	57. 20%
	$\begin{array}{r} 600 \\ -48 \\ \hline -42 \end{array}$	$\begin{array}{r} 600 \\ -18 \\ \hline -6 \end{array}$	$\begin{array}{r} 300 \\ -68 \\ \hline 30 \end{array}$	$\begin{array}{r} 24 \\ -15 \\ \hline 9 \end{array}$	$\begin{array}{r} 400 \\ -17 \\ \hline -11 \end{array}$	$\begin{array}{r} 20 \\ -28 \\ \hline 8 \end{array}$
	74	798	26	2565	288	2288
	558	74	337	288	389	223
	5578	742	33694	28809	38950	22279
题干	35962	94. 80%	6617	22. 20%	36851	27. 80%
	$\begin{array}{r} 200 \\ -31 \\ \hline -16 \end{array}$	$\begin{array}{r} 600 \\ -50 \\ \hline 41 \end{array}$	$\begin{array}{r} 300 \\ -83 \\ \hline -12 \end{array}$	$\begin{array}{r} 20 \\ -24 \\ \hline 84 \end{array}$	$\begin{array}{r} 288 \\ 80 \end{array}$	
	175	175	120	120	288	80
	184	175	120	120	288	80
	18461	17501	5415	1202	28835	8016
题干	9813	-4. 90%	22827	-6. 90%	6682	-11. 50%
	$x \approx 981 \times (-4.9\%) = -50$	$A = \frac{228}{1-6.9\%} = 245$	$A = \frac{668}{1-11.5\%} = 755$			
	$A = 981 + 50 = 1031$	$x = 228 - 245 = -17$	$x = 668 - 755 = -87$			
	10319	-506	24519	-1692	7550	-868