速算单项作业十

练习一：加、减、乘法

题干	求和	8237	589	7012	8146		5481	2908	2747	658

手写：$\overset{23}{\underset{24}{08,6}}$ 23984　　$\overset{09}{\underset{24}{26,7}}$ 11794

	23984						**11794**			

题干	541	−	293	725	−	152	959	−	308	970	−	323

手写：241＋7 = 248　　573　　651　　647

248	**573**	**651**	**647**

题干	697	×	7.10%	872	×	9.90%	721	×	8.20%	607	×	25.70%

手写：49^+　　$\begin{array}{r}87\\-1\\\hline86\end{array}$　10% − 0.1%　$\begin{array}{r}58\\+1\\\hline59\end{array}$　8% + 0.2%　$\begin{array}{r}152\\+4\\\hline156\end{array}$　$\frac{1}{4}+0.7\%$

49.5	**86.3**	**59.1**	**156.0**

题干	304	×	18.80%	494	×	78.60%	407	×	17.30%	540	×	65.40%

手写：300＋4　$\begin{array}{r}56\\+1\\\hline57\end{array}$　500−6　$\begin{array}{r}393\\-5\\\hline388\end{array}$　$\begin{array}{r}68\\+2\\\hline70\end{array}$　$\frac{1}{6}+0.6\%$　$\begin{array}{r}360\\-7\\\hline353\end{array}$　$\frac{2}{3}-1.3\%$

57.2	**388.3**	**70.4**	**353.2**

练习二：除法拆分、分数大小比较

$\frac{195\ 151+44}{755}$ = 20% + 6% = 26%	**25.83%**	$\frac{974\ 915+59\ 55+4}{183}$ = 5 + 30% + 2% = 5.32%	**532.24%**
$\frac{951\ 782+169\ 156+13}{1563}$ = 50% + 10% + 1% = 61%	**60.84%**	$\frac{785\ 805−20}{8045}$ = 10% − 0.2% = 9.8%	**9.76%**
$\frac{9530\ 1036−82\ 77−6}{2597}$ = 4 − 30% − 2% = 3.68%	**366.96%**	$\frac{2952\ 294+1}{5885}$ = 50%	**50.16%**
$\frac{232}{6173}$ = 4%	**3.76%**	$\frac{994\ 895+99}{3579}$ = 25% + 3% = 28%	**27.77%**
$\frac{409\ 382+27}{1913}$ = 20% + 1% = 21%	**21.38%**	$\frac{1459\ 157−12}{7861}$ = 20% − 1% = 19%	**18.56%**
$\frac{666\ 898−232\ 224−8}{898}$ = 1 − 25% − 1% = 74%	**74.16%**	$\frac{155}{9059}$ = 2%	**1.71%**
$\frac{851\ 869−18}{2608}$ = 33.3% − 1% = 32.3%	**32.63%**	$\frac{887\ 599+288}{5994}$ = 10% + 5% = 15%	**14.80%**

比较分数大小

① $\frac{459}{9737}$ $\overset{20\%^+}{\underset{20\%^-}{>}}$ $\frac{87}{8471\ 126}$ 372

② $\frac{110\ 366}{4776\ 68}$ $\overset{30\%^+}{\underset{20\%^-}{<}}$ $\frac{476}{5459}$

③ $\frac{97\ 849}{5724\ 11}$ $\overset{10\%^+}{\underset{10\%^-}{<}}$ $\frac{946}{6231}$

④ $\frac{626}{9261}$ $\overset{5\%^+}{\underset{5\%^-}{>}}$ $\frac{5\ 575}{8948\ 32}$

练习三：假设分配／"415"份数法

题干	9899	6.10%	4054	5.50%	27927	15.80%
	9330	569	3843	211	24117	3810
题干	54183	9.30%	77967	17.90%	28701	11.90%
	49573	4610	66130	11837	25649	3052
题干	6594	14.20%	90424	27.70%	87925	74.30%
	5774	820	70810	19614	50445	37480
题干	63749	27.10%	2167	6.40%	18971	14.40%
	50157	13592	2037	130	16583	2388
题干	7600	−4.10%	85083	−5.60%	6451	−12.70%
	7925	−325	90077	−5044	7389	−938

$X \approx 760 \times (-4.1)$
$= -30 - 1 = -31$
$A = 791$

$A = \dfrac{850}{1-5.6\%}$
$= 900$
$X = -50$

$A = \dfrac{645}{1-12.7\%}$
$= 739$
$X = -94$