

## 速算单项作业一

练习一：加、减、乘法													
题干	求和	2921	4645	7198	5066	1347	5992	8084	3539				
		$\begin{array}{r} 18 \\ 16 \\ 21 \\ 20 \\ \hline 19830 \end{array}$				$\begin{array}{r} 17 \\ 17 \\ 24 \\ 22 \\ \hline 18962 \end{array}$							
		19830				18962							
题干		635	-	226	993	-	329	611	-	598	797	-	625
		409				664				11+2=13			
		409				664				172			
题干		855	×	11.50%	752	×	8.20%	236	×	12.20%	166	×	33.90%
		$\begin{array}{r} 85 \\ + 3 \\ \hline 98 \end{array}$	$\frac{1}{9} + 0.4\%$		62	$\frac{1}{12} - 0.1\%$		29	$\frac{1}{8} - 0.3\%$		$\begin{array}{r} 16 \\ + 1 \\ \hline 17 \end{array}$	$\frac{1}{3} + 0.6\%$	
		98.3				61.7				28.8			
题干		455	×	6.60%	776	×	20.80%	402	×	9.10%	815	×	62.40%
		$15 \times 2 = 30$		$\frac{1}{30} \times 2$	$\begin{array}{r} 155 \\ + 6 \\ \hline 161 \end{array}$	$\frac{1}{5} + 0.8\%$		37	$\frac{1}{11}$		$\begin{array}{r} 407 \\ + 102 \\ \hline 509 \end{array}$	$50\% + \frac{1}{8} - 0.1\%$	
		30.0				161.4				36.6			
		30.0				161.4				508.6			

### 练习二：除法拆分、分数大小比较

$\frac{711}{675} \frac{675+36}{108} = 1 + \frac{1}{10} = 1.1$	105.33%	$\frac{797}{479} \frac{798-1}{535} = 1.67$	166.39%
$\frac{6764}{3152} \frac{27^2+23}{8774} = 33.3\% + 3\% = 36.3\%$	1.60%	$\frac{535}{3708} \frac{529+6}{3742} = 14.3\%$	14.43%
$\frac{707}{4797} \frac{685+22}{278-8} = 14.3\%$	35.92%	$\frac{204}{1856} \frac{186+18}{4955} = 7\frac{1}{2}\% + 3\% = 10\frac{1}{2}\%$	77.69%
$\frac{5716}{652} \frac{425+227}{425} = 33.3\% + 3\% = 36.3\%$	14.74%	$\frac{204}{1856} \frac{186+18}{4955} = 11\%$	10.99%
$\frac{425}{256} \frac{265-9}{6627} = 1 + \frac{1}{10} = 1.1$	4.86%	$\frac{4955}{1438} \frac{429+66}{298} = 3 + \frac{1}{10} = 3.1$	344.58%
$\frac{6627}{256} \frac{265-9}{6627} = 4\%$	153.41%	$\frac{298}{5785} \frac{289+9}{496-28} = 5\%$	5.15%
	3.86%	$\frac{496-28}{1239} = 4\% - 2\% = 2\%$	37.77%

## 比较分数大小

①	$\begin{array}{r} 15 \\ 138 \\ \hline 5399 \\ 216 \end{array}$	$\begin{array}{r} 10\%^{+} \\ < \\ 233 \\ \hline 7556 \end{array}$
③	$\begin{array}{r} 187 \\ 8928 \\ \hline \end{array}$	$\begin{array}{r} 41 \\ 3\%^{+} \\ 142 \\ \hline 7562 \\ 136 \end{array}$
②	$\begin{array}{r} 107 \\ 890 \\ \hline 3307 \\ 78 \end{array}$	$\begin{array}{r} 10\%^{+} \\ < \\ 997 \\ \hline 3583 \\ 10\%^{-} \end{array}$
④	$\begin{array}{r} 810 \\ 7097 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ 10\%^{+} \\ 730 \\ \hline 6480 \\ 10\%^{-} \\ 61 \end{array}$

练习三：假分配/“415”份数法

题干	9234	6.60%	7252	3.50%	56572	8.50%
	$\begin{array}{r} 900 \quad 1 \quad 59 \\ -36 \\ \hline 866 \quad 57 \end{array}$		$\begin{array}{r} 700 \quad 25 \\ \hline \end{array}$		$\begin{array}{r} 500 \quad 1 \quad 43 \\ 22 \\ \hline 521 \quad 44 \end{array}$	
	8662	572	7007	245	52140	4432
题干	35475	5.10%	41968	9.90%	90648	11.30%
	$\begin{array}{r} 300 \quad 1 \quad 15 \\ 39 \\ \hline 337 \quad 2 \\ \hline 337 \quad 17 \end{array}$		$\begin{array}{r} 400 \quad 1 \quad 40 \\ -21 \\ \hline -19 \quad -2 \\ \hline 381 \quad 38 \end{array}$		$\begin{array}{r} 800 \quad 1 \quad 90 \\ 16 \\ \hline 814 \quad 92 \end{array}$	
	33754	1721	38187	3781	81445	9203
题干	9626	24.60%	41120	27.70%	88176	13.60%
	$\begin{array}{r} 800 \quad 1 \quad 197 \\ -35 \\ \hline -28 \quad -7 \\ \hline 772 \quad 190 \end{array}$	$\begin{array}{r} 16 \\ 32 \\ 48 \\ \hline 1968 \end{array}$	$\begin{array}{r} 300 \quad 1 \quad 83 \\ 28 \\ \hline 22 \quad 6 \\ \hline 322 \quad 89 \end{array}$	$\begin{array}{r} 6 \\ 21 \\ 21 \\ \hline 831 \end{array}$	$\begin{array}{r} 800 \quad 1 \quad 109 \\ -28 \\ \hline -25 \quad -3 \\ \hline 775 \quad 106 \end{array}$	$\begin{array}{r} 8 \\ 24 \\ 48 \\ \hline 1088 \end{array}$
	7726	1900	32200	8920	77620	10556
题干	13463	52.80%	4537	12.50%	43179	39.20%
	$\begin{array}{r} 100 \quad 1 \quad 53 \\ -19 \\ \hline -12 \quad -7 \\ \hline 88 \quad 46 \end{array}$	$X = \frac{4537}{9} = 504$ $A = 4537 - 504 = 4033$		$\begin{array}{r} 8 \quad 1 \quad 9 \\ 300 \quad 1 \quad 118 \\ 13 \\ \hline 10 \quad 3 \\ \hline 310 \quad 121 \end{array}$	$\begin{array}{r} 9 \\ 27 \\ 6 \\ \hline 1176 \end{array}$	
	8811	4652	4033	504	31019	12160
题干	7242	-8.50%	26438	-5.30%	5306	-6.40%
	$A = \frac{724}{1-8.5\%} = 791$ $X = 724 - 791 = -67$	$X \approx 264 \times (-5.3\%)$ $= -13 - 1 = -14$ $A = 264 + 14 = 278$		$A = \frac{530}{1-6.4\%} = 566$ $X = 530 - 566 = -36$		
	7915	-673	27918	-1480	5669	-363