

# 速算单项作业八

## 练习一：加、减、乘法

题干	求和	3265	2713	6638	3823	3423	1735	2163	5871				
<div><div><div>14</div><div>23</div><div>12</div><div>19</div></div><div>16439</div></div> <div><div><div>11</div><div>20</div><div>18</div><div>12</div></div><div>13192</div></div>													
		16439				13192							
题干		832	-	325	929	-	290	941	-	352	536	-	253
<div><div>607</div><div>639</div><div>590-1=589</div><div>283</div></div>													
		507			639			589			283		
题干		263	×	13.40%	624	×	5.30%	542	×	15.10%	651	×	37.10%
<div><div><div><div>26</div><div>+</div><div>9</div></div><div>35</div></div><div>10%+3.4%</div><div><div><div>31</div><div>+</div><div>2</div></div><div>33</div></div><div>5%+0.3%</div><div><div><div>54</div><div>+</div><div>28</div></div><div>82</div></div><div>10%+5.1%</div><div><div><div>27</div><div>+</div><div>24</div></div><div>241</div></div><div>1%+3.8%</div></div>													
		35.2			33.1			81.8			241.5		
题干		548	×	8.60%	237	×	26.70%	768	×	22.40%	811	×	63.90%
<div><div><div><div>54</div><div>-</div><div>8</div></div><div>47</div></div><div>10%-1.4%</div><div><div><div>59</div><div>+</div><div>4</div></div><div>63</div></div><div>1%+1.7%</div><div><div><div>192</div><div>-</div><div>20</div></div><div>172</div></div><div>1%+2.6%</div><div><div><div>406</div><div>+</div><div>81</div></div><div>31</div></div><div>51.8%</div><div>50%+10%+3.9%</div></div>													
		47.1			63.3			172.0			518.2		

## 练习二：除法拆分、分数大小比较

$\frac{368}{827} = \frac{413-45}{827} = \frac{50\% - 5\%}{827} = 45\%$	44.50%	$\frac{172}{649} = \frac{162+10}{649} = \frac{25\% + 1\%}{649} = 26\%$	26.50%
$\frac{843}{5012} = \frac{501+342}{5012} = \frac{10\% + 7\%}{5012} = 17\%$	16.82%	$\frac{337}{5937} = \frac{337}{5937} = 6\%$	5.68%
$\frac{7509}{4886} = \frac{488+262}{4886} = \frac{10\% + 5\%}{4886} = 15\%$	154.91%	$\frac{6982}{7488} = \frac{748-50}{7488} = \frac{10\% - 7\%}{7488} = 3\%$	93.24%
$\frac{123}{6174} = \frac{123}{6174} = 2\%$	1.99%	$\frac{159}{8769} = \frac{159}{8769} = 2\%$	1.81%
$\frac{501}{4951} = \frac{495+6}{4951} = \frac{10\% + 0.1\%}{4951} = 10.1\%$	10.12%	$\frac{4484}{8718} = \frac{426+12}{8718} = \frac{50\% + 1\%}{8718} = 51\%$	51.43%
$\frac{322}{321} = 1\%$	100.31%	$\frac{712}{8228} = \frac{712}{8228} = 9\%$	8.65%
$\frac{445}{2237} = \frac{447-2}{2237} = \frac{20\% - 0.1\%}{2237} = 19.9\%$	19.89%	$\frac{333}{3253} = \frac{325+8}{3253} = \frac{10\% + 0.2\%}{3253} = 10.2\%$	10.24%

## 比较分数大小

① $\frac{134}{626} \xrightarrow{20\%+} \frac{760}{2262}$	② $\frac{703}{4261} \xleftarrow{30\%+} \frac{188}{515}$
$\frac{1753}{51} \xrightarrow{30\%+} \frac{2262}{139}$	$\frac{4261}{139} \xleftarrow{40\%+} \frac{2873}{139}$
③ $\frac{7}{788} \xrightarrow{1\%-} \frac{795}{6502}$	④ $\frac{87}{452} \xrightarrow{10\%+} \frac{539}{7504}$
$\frac{6477}{3} \xrightarrow{0.5\%+} \frac{6502}{66}$	$\frac{6844}{66} \xrightarrow{10\%-} \frac{7504}{66}$

练习三：假设分配/“415”份数法						
题干	727/2	6.70%	720/1	5.40%	760/30	16.20%
	$\begin{array}{r} 700 \overline{) 147} \\ -20 \\ \hline -19 \quad -1 \\ \hline 681 \quad 46 \end{array}$		$\begin{array}{r} 700 \overline{) 38} \\ -18 \\ \hline -17 \quad -1 \\ \hline 683 \quad 37 \end{array}$		$\begin{array}{r} 700 \overline{) 113} \\ -53 \\ \hline -46 \quad -7 \\ \hline 654 \quad 106 \end{array}$	$\begin{array}{r} 7 \\ 42 \\ \hline 1134 \end{array}$
	6815	457	6832	369	65430	10600
题干	358/64	13.10%	808/41	22.30%	902/57	18.40%
	$\begin{array}{r} 300 \overline{) 39} \\ -19 \\ \hline 17 \quad -2 \\ \hline 317 \quad 41 \end{array}$		$\begin{array}{r} 700 \overline{) 156} \\ -48 \\ \hline -39 \quad -9 \\ \hline 661 \quad 147 \end{array}$	$\begin{array}{r} 14 \\ 14 \\ \hline 21 \\ 1561 \end{array}$	$\begin{array}{r} 800 \overline{) 147} \\ -45 \\ \hline -38 \quad -7 \\ \hline 762 \quad 140 \end{array}$	$\begin{array}{r} 8 \\ 64 \\ \hline 512 \\ 1472 \end{array}$
	31710	4154	66101	14740	76231	14026
题干	339/5	9.60%	778/64	74.50%	537/46	54.20%
	$\begin{array}{r} 300 \overline{) 29} \\ -10 \\ \hline 9 \quad -1 \\ \hline 309 \quad 30 \end{array}$		$\begin{array}{r} 400 \overline{) 298} \\ -80 \\ \hline 46 \quad 34 \\ \hline 446 \quad 332 \end{array}$	$\begin{array}{r} 28 \\ 16 \\ \hline 20 \\ 2980 \end{array}$	$\begin{array}{r} 300 \overline{) 163} \\ -74 \\ \hline 48 \quad 26 \\ \hline 348 \quad 189 \end{array}$	$\begin{array}{r} 15 \\ 12 \\ \hline 6 \\ 1626 \end{array}$
	3098	297	44621	33243	34855	18891
题干	129/30	22.70%	936/3	8.60%	571/07	12.80%
	$\begin{array}{r} 100 \overline{) 23} \\ -6 \\ \hline 5 \quad -1 \\ \hline 105 \quad 24 \end{array}$		$\begin{array}{r} 900 \overline{) 77} \\ -41 \\ \hline -38 \quad -3 \\ \hline 862 \quad 74 \end{array}$		$\begin{array}{r} 500 \overline{) 64} \\ -7 \\ \hline 6 \quad -1 \\ \hline 506 \quad 65 \end{array}$	
	10538	2392	8622	741	50627	6480
题干	893/4	86/1	-4.30%	221/05	22/7	-9.20%
	$\begin{array}{r} 900 \overline{) -39} \\ -32 \\ \hline 33 \quad -1 \\ \hline 933 \quad -40 \end{array}$	$X = 893 \times (-4.3\%)$ $= -40$ $A = 893 + 40$ $= 933$	$\begin{array}{r} 250 \overline{) -23} \\ -6 \\ \hline 244 \quad -23 \end{array}$	$X = -22$ $A = 221 + 22$ $= 243$	$\begin{array}{r} 600 \overline{) -40} \\ -34 \\ \hline 36 \quad -2 \\ \hline 636 \quad -42 \end{array}$	$A = \frac{594}{1-6.6\%}$ $= 636$ $X = 594 - 636$ $= -42$
	9335	-401	24345	-2240	6363	-420