

## 速算单项作业九

### 练习一：加、减、乘法

题干	求和	8392	4619	3665	6797	3031	9988	2331	3809
<div><div><div>21</div><div>22</div><div>25</div><div>23</div></div><div>23473</div></div> <div><div><div>17</div><div>20</div><div>14</div><div>19</div></div><div>19159</div></div>									
		23473				19159			
题干	728	-	199	937	-	326	611	-	345
<div><div>528+1=529</div><div>611</div><div>270-4=266</div><div>354</div></div>									
		529		611		266		354	
题干	794	×	15.70%	381	×	9.30%	538	×	11.60%
<div><div><div>79</div><div>+40</div><div>+6</div><div>125</div></div><div>10%+5%+0.7%</div><div><div>38</div><div>-3</div><div>35</div></div><div>10%-0.7%</div><div><div>54</div><div>+5</div><div>+3</div><div>62</div></div><div>10%+1%+0.6%</div><div><div>153</div><div>+23</div><div>176</div></div><div>1/3+1/4</div></div>									
		124.7		35.4		62.4		175.8	
题干	281	×	8.40%	742	×	36.10%	385	×	15.70%
<div><div><div>28</div><div>-4</div><div>24</div></div><div>10%-1.6%</div><div><div>247</div><div>+22</div><div>-1</div><div>268</div></div><div>1/3+3%-0.2%</div><div><div>39</div><div>+19</div><div>+2</div><div>60</div></div><div>10%+5%+0.7%</div><div><div>137</div><div>+55</div><div>+1</div><div>192</div></div><div>50%+20%+0.6%</div></div>									
		23.6		267.9		60.4		193.4	

### 练习二：除法拆分、分数大小比较

$\frac{601}{424} = \frac{636-35}{424} = 1.5 - 8\% = 1.42$	141.75%	$\frac{912}{457} = \frac{914-2}{457} = 2 - 1\% = 1.99$	199.56%
$\frac{747}{4218} = \frac{843-96}{4218} = 20\% - 2\% = 18\%$	17.71%	$\frac{479}{8113} = 6\%$	5.90%
$\frac{6304}{3246} = \frac{648-18}{3246} = 2 - 5\% = 1.95$	194.21%	$\frac{6227}{2125} = \frac{636-14}{2125} = 3 - 7\% = 2.93$	293.04%
$\frac{365}{3838} = \frac{384-19}{3838} = 10\% - 0.5\% = 9.5\%$	9.51%	$\frac{644}{9095} = 7\%$	7.08%
$\frac{381}{5072} = 7\%$	7.51%	$\frac{4362}{3496} = \frac{446+20}{3496} = \frac{1}{3} + 6\% = 39.3\%$	38.96%
$\frac{883}{547} = \frac{547+336}{547} = 1 + 50\% + 10\% + 1\% = 1.61$	161.43%	$\frac{462}{6044} = 8\%$	7.64%
$\frac{448}{7009} = \frac{140-22}{7009} = 2 - 0.3\% = 1.7\%$	1.68%	$\frac{655}{9545} = 7\%$	6.86%

### 比较分数大小

① $\frac{38}{390} > \frac{428}{5972}$	② $\frac{498}{2370} < \frac{105}{393}$
③ $\frac{147}{539} < \frac{686}{1723}$	④ $\frac{390}{9238} < \frac{21}{369}$

练习三：假设分配/“415”份数法						
题干	9461	7.40%	8149	17.10%	15879	9.90%
	$\begin{array}{r} 900 \quad   \quad 67 \\ -21 \\ \hline -19 \quad -2 \\ \hline 881 \quad 65 \end{array}$		$\begin{array}{r} 700 \quad   \quad 120 \\ -1 \quad -6 \quad -1 \\ \hline 695 \quad 119 \end{array}$	$\begin{array}{r} 79 \\ 49 \\ \hline 1197 \end{array}$	$\begin{array}{r} 100 \quad   \quad 10 \\ 48 \\ \hline 44 \quad 4 \\ \hline 144 \quad 14 \end{array}$	
	8809	652	6959	1190	14449	1430
题干	78290	27.70%	24505	19.90%	84915	9.20%
	$\begin{array}{r} 600 \quad   \quad 166 \\ 16 \\ \hline 13 \quad 3 \\ \hline 613 \quad 169 \end{array}$	$\begin{array}{r} 12 \\ 42 \\ 42 \\ \hline 1662 \end{array}$	$\begin{array}{r} 200 \quad   \quad 40 \\ 5 \\ \hline 4 \quad 1 \\ \hline 204 \quad 41 \end{array}$		$\begin{array}{r} 800 \quad   \quad 74 \\ -25 \\ \hline -23 \quad -2 \\ \hline 777 \quad 72 \end{array}$	
	61308	16982	20438	4067	77761	7154
题干	8456	12.30%	58322	52.60%	23221	46.10%
	$\begin{array}{r} 800 \quad   \quad 98 \\ -53 \\ \hline -47 \quad -6 \\ \hline 753 \quad 92 \end{array}$		$\begin{array}{r} 400 \quad   \quad 210 \\ -27 \\ \hline -18 \quad -9 \\ \hline 382 \quad 201 \end{array}$	$\begin{array}{r} 20 \\ 8 \\ \hline 24 \\ \hline 2104 \end{array}$	$\begin{array}{r} 200 \quad   \quad 92 \\ -60 \\ \hline -41 \quad -19 \\ \hline 159 \quad 73 \end{array}$	
	7530	926	38219	20103	15894	7327
题干	84512	25.60%	1735	23.70%	28777	18.90%
	$\begin{array}{r} 700 \quad   \quad 179 \\ -34 \\ \hline -27 \quad -7 \\ \hline 673 \quad 172 \end{array}$	$\begin{array}{r} 14 \\ 35 \\ 42 \\ \hline 1792 \end{array}$	$\begin{array}{r} 100 \quad   \quad 24 \\ 49 \\ \hline 40 \quad 9 \\ \hline 140 \quad 33 \end{array}$		$\begin{array}{r} 250 \quad   \quad 47 \\ -10 \\ \hline -9 \quad -1 \\ \hline 241 \quad 46 \end{array}$	
	67287	17225	1403	332	24203	4574
题干	3214	382	-4.50%	96579	949	-5.10%
	$\begin{array}{r} 400 \quad   \quad -18 \\ -61 \\ \hline -64 \quad 3 \\ \hline 336 \quad -15 \end{array}$	$\begin{array}{r} 14 \\ 35 \\ 42 \\ \hline 1792 \end{array}$	$\begin{array}{r} 1000 \quad   \quad -51 \\ 16 \\ \hline 17 \quad -1 \\ \hline 1017 \quad -52 \end{array}$	$\begin{array}{r} 600 \quad   \quad -41 \\ -40 \\ \hline -42 \quad 2 \\ \hline 558 \quad -39 \end{array}$	$\begin{array}{l} A = \frac{519}{1-6.9\%} \\ = 557 \\ X = 519 - 557 \\ = -38 \end{array}$	
	3365	-151	101769	-5190	5581	-385