

## 速算单项作业五

### 练习一：加、减、乘法

题干	求和	5369	9279	3874	7661	9616	4632	4286	1422				
<div><div><div>24</div><div>19</div><div>26</div><div>23</div></div><div>26183</div></div> <div><div><div>18</div><div>18</div><div>14</div><div>16</div></div><div>19956</div></div>													
		26183				19956							
题干		561	-	357	782	-	136	933	-	321	854	-	795
<div>204</div> <div>646</div> <div>612</div> <div>54 + 5 = 59</div>													
		204			646			612			59		
题干		897	×	21.30%	575	×	6.80%	538	×	18.70%	809	×	15.10%
<div><div><div>179</div><div>12</div></div><div>191</div><div>20% + 1.3%</div></div> <div><div><div>40</div><div>1</div></div><div>39</div><div>7% - 0.2%</div></div> <div><div><div>89</div><div>11</div></div><div>100</div><div><math>\frac{1}{6} + 2\%</math></div></div> <div><div><div>81</div><div>40</div><div>1</div></div><div>122</div><div>10% + 5% + 0.1%</div></div>													
		191.1			39.1			100.6			122.2		
题干		784	×	7.60%	178	×	65.10%	577	×	25.60%	883	×	79.10%
<div><div><div>55</div><div>5</div></div><div>60</div><div>7% + 0.6%</div></div> <div><div><div>118</div><div>2</div></div><div>116</div><div><math>\frac{2}{3} - 1.5\%</math></div></div> <div><div><div>144</div><div>4</div></div><div>148</div><div><math>\frac{1}{4} + 0.6\%</math></div></div> <div><div><div>176</div><div>8</div></div><div>168</div><div>1 - 20% - 0.9%</div></div>													
		59.6			115.9			147.7			698.5		

### 练习二：除法拆分、分数大小比较

<del>522</del> 719 - <del>177</del> 216 + 19	72.60%	<del>712</del> 749 - 37	95.06%
719 = 1 - 30% + 3% = 73% -		749 = 1 - 5% = 95% +	
<del>838</del> 746 + 92	22.45%	246 = 5% -	4.57%
3733 = 20% + 3% = 23% -		5386	
<del>6671</del> 578 + <del>89</del> 87 + 2	230.59%	<del>8915</del> 952 - 61	93.58%
2893 = 2 + 30% + 1% = 2.31 -		9527 = 1 - 7% = 93% +	
<del>776</del> 685 + 91	37.76%	399 = 4% +	4.37%
2055 = 33.3% + 4% = 37.3% +		9125	
369 = 6% +	6.01%	<del>9247</del> 793 + <del>17</del> 79 + 52	116.50%
6143 = 6% +		7937 = 1 + 10% + 7% = 1.17 -	
<del>577</del> 823 - 246	70.11%	285 = 3% -	2.88%
823 = 1 - 30% = 70%		9895	
<del>626</del> 798 + 28	10.47%	457 = 9% -	8.94%
5981 = 10% + 0.5% = 10.5% -		5109	

## 比较分数大小

$$\begin{array}{lcl}
 \textcircled{1} & \begin{array}{r} 339 \\ \hline 2387 \end{array} & \begin{array}{l} 10\%^- \quad 21 \\ 318 \\ < \\ 10\%^+ \quad 2103 \\ 28 \end{array} \\
 \textcircled{2} & \begin{array}{r} 507+51 \\ \hline 558 \\ 5067 \end{array} & \begin{array}{l} 11\%^+ \\ > \\ 11\%^- \quad 956+35 \\ 994 \\ 9559 \end{array} \\
 \textcircled{3} & \begin{array}{r} 112 \\ \hline 486 \\ 6668 \\ 101 \end{array} & \begin{array}{l} 20\%^+ \\ 598 \\ < \\ 20\%^- \quad 7671 \end{array} \\
 \textcircled{4} & \begin{array}{r} 890 \\ \hline 2429 \end{array} & \begin{array}{l} 10\%^- \quad 59 \\ 831 \\ < \\ 10\%^+ \quad 2142 \\ 28 \end{array}
 \end{array}$$

练习三：假设分配/“415”份数法						
题干	4366	7.60%	3718	9.50%	41597	8.10%
	$\begin{array}{r} 400 \overline{) 4366} \\ \underline{400} \phantom{00} \\ 366 \phantom{00} \\ \underline{360} \phantom{00} \\ 66 \phantom{00} \\ \underline{60} \phantom{00} \\ 66 \end{array}$		$\begin{array}{r} 300 \overline{) 3718} \\ \underline{300} \phantom{00} \\ 718 \phantom{00} \\ \underline{600} \phantom{00} \\ 118 \phantom{00} \\ \underline{110} \phantom{00} \\ 8 \end{array}$		$\begin{array}{r} 400 \overline{) 41597} \\ \underline{400} \phantom{00} \\ 1597 \phantom{00} \\ \underline{1500} \phantom{00} \\ 97 \phantom{00} \\ \underline{90} \phantom{00} \\ 7 \end{array}$	
	406	30	339	32	384	31
	4058	308	3395	323	38480	3117
题干	39536	16.80%	80691	26.50%	90515	11.80%
	$\begin{array}{r} 300 \overline{) 39536} \\ \underline{300} \phantom{00} \\ 9536 \phantom{00} \\ \underline{900} \phantom{00} \\ 536 \phantom{00} \\ \underline{536} \phantom{00} \\ 0 \end{array}$		$\begin{array}{r} 600 \overline{) 80691} \\ \underline{600} \phantom{00} \\ 20691 \phantom{00} \\ \underline{1800} \phantom{00} \\ 2691 \phantom{00} \\ \underline{2400} \phantom{00} \\ 291 \phantom{00} \\ \underline{291} \phantom{00} \\ 0 \end{array}$	$\begin{array}{r} 12 \\ 36 \\ \underline{3} \\ 159 \end{array}$	$\begin{array}{r} 800 \overline{) 90515} \\ \underline{800} \phantom{00} \\ 10515 \phantom{00} \\ \underline{800} \phantom{00} \\ 2515 \phantom{00} \\ \underline{2400} \phantom{00} \\ 115 \phantom{00} \\ \underline{115} \phantom{00} \\ 0 \end{array}$	
	338	57	637	169	810	95
	33849	5687	63787	16904	80962	9553
题干	9465	40.20%	55371	51.20%	48382	31.30%
	$\begin{array}{r} 700 \overline{) 9465} \\ \underline{700} \phantom{00} \\ 2465 \phantom{00} \\ \underline{2100} \phantom{00} \\ 365 \phantom{00} \\ \underline{350} \phantom{00} \\ 15 \end{array}$		$\begin{array}{r} 400 \overline{) 55371} \\ \underline{400} \phantom{00} \\ 15371 \phantom{00} \\ \underline{1200} \phantom{00} \\ 3371 \phantom{00} \\ \underline{3200} \phantom{00} \\ 171 \phantom{00} \\ \underline{160} \phantom{00} \\ 11 \end{array}$		$\begin{array}{r} 400 \overline{) 48382} \\ \underline{400} \phantom{00} \\ 8382 \phantom{00} \\ \underline{8000} \phantom{00} \\ 382 \phantom{00} \\ \underline{3600} \phantom{00} \\ 22 \end{array}$	
	675	271	366	187	368	115
	6751	2714	36621	18750	36848	11534
题干	2979	6.80%	4578	15.10%	32545	4.30%
	$\begin{array}{r} 250 \overline{) 2979} \\ \underline{250} \phantom{00} \\ 479 \phantom{00} \\ \underline{450} \phantom{00} \\ 29 \phantom{00} \\ \underline{25} \phantom{00} \\ 4 \end{array}$		$\begin{array}{r} 400 \overline{) 4578} \\ \underline{400} \phantom{00} \\ 578 \phantom{00} \\ \underline{400} \phantom{00} \\ 178 \phantom{00} \\ \underline{160} \phantom{00} \\ 18 \end{array}$		$\begin{array}{r} 300 \overline{) 32545} \\ \underline{300} \phantom{00} \\ 2545 \phantom{00} \\ \underline{2400} \phantom{00} \\ 145 \phantom{00} \\ \underline{120} \phantom{00} \\ 25 \end{array}$	
	278	19	397	60	312	13
	2789	190	3977	601	31203	1342
题干	9817	-9.90%	17745	186	4162	482
	$\begin{array}{r} 1000 \overline{) 9817} \\ \underline{1000} \phantom{00} \\ 817 \phantom{00} \\ \underline{800} \phantom{00} \\ 17 \phantom{00} \\ \underline{10} \phantom{00} \\ 7 \end{array}$	$\begin{array}{r} 10 \phantom{00} - 1 \phantom{00} \\ 9817 \\ \underline{9} \\ 9817 \end{array}$	$\begin{array}{r} 200 \overline{) 17745} \\ \underline{200} \phantom{00} \\ 1745 \phantom{00} \\ \underline{1600} \phantom{00} \\ 145 \phantom{00} \\ \underline{140} \phantom{00} \\ 5 \end{array}$	$A = \frac{177}{0.929} = 190$	$\begin{array}{r} 100 \overline{) 4162} \\ \underline{100} \phantom{00} \\ 162 \phantom{00} \\ \underline{160} \phantom{00} \\ 2 \end{array}$	$X \approx 416 \times (-3.6\%) = -12.3 = -15$
	1089	-108	190	-13	431	-15
	10896	-1079	19101	-1356	4317	-155