

速算单项作业四

练习一：加、减、乘法									
题干	求和	7526	6048	5948	2166	2733	2487	4499	5139
		$\begin{array}{r} 20 \\ 15 \\ 16 \\ 28 \end{array}$	21688			$\begin{array}{r} 13 \\ 16 \\ 23 \\ 28 \end{array}$	14858		
		21688				14858			
题干		$997 - 152$	$485 - 178$	$671 - 336$	$632 - 471$				
		845	307	335	161				
		845	307	335	161				
题干		$393 \times 20.50\%$	$599 \times 8.40\%$	$338 \times 18.30\%$	$393 \times 11.70\%$				
		$\begin{array}{r} 79 \\ + 1 \\ \hline 80 \end{array}$	$20\% + 0.5\%$	$600 - 1$	50.4%	$\begin{array}{r} 68 \\ - 7 \\ + 1 \\ \hline 62 \end{array}$	$20\% - 2\% + 0.3\%$	$\begin{array}{r} 44 \\ + 2 \\ \hline 46 \end{array}$	$\frac{1}{9} + 0.6\%$
		80.6	50.3	61.9	46.0				
题干		$398 \times 26.10\%$	$920 \times 32.40\%$	$423 \times 10.40\%$	$213 \times 68.60\%$				
		$\begin{array}{r} 99 \\ + 5 \\ \hline 104 \end{array}$	$25\% + 1.1\%$	$\begin{array}{r} 307 \\ - 9 \\ \hline 298 \end{array}$	$\frac{1}{2} - 0.9\%$	$\begin{array}{r} 42 \\ + 2 \\ \hline 44 \end{array}$	$10\% + 0.4\%$	$\begin{array}{r} 142 \\ + 4 \\ \hline 146 \end{array}$	$\frac{2}{3} + 2\%$
		103.9	298.1	44.0	146.1				
练习二：除法拆分、分数大小比较									
$\frac{422}{216} = \frac{108 + 14}{216} = 50\% + 7\% = 57\%$	56.48%	$\frac{712}{198} = \frac{693 + 19}{198} = 35\% + 10\% = 45\%$	45.22%	$\frac{5396}{2078} = \frac{518 + 21}{2078} = 25\% + 10\% = 35\%$	35.60%	$\frac{929}{6575} = \frac{658 + 271}{6575} = 10\% + 4\% = 14\%$	14.13%	$\frac{7903}{6195} = \frac{619 + 1784}{6195} = 10\% + 28\% = 38\%$	38.48%
$\frac{191}{8504} = 2\%$	2.25%	$\frac{738}{8732} = 8\%$	8.45%	$\frac{5396}{2078} = 25\% + 10\% = 35\%$	35.67%	$\frac{929}{6575} = 10\% + 4\% = 14\%$	14.13%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%
$\frac{3761}{8317} = \frac{416 - 40}{8317} = 50\% - 5\% = 45\%$	45.22%	$\frac{5396}{2078} = 25\% + 10\% = 35\%$	35.67%	$\frac{929}{6575} = 10\% + 4\% = 14\%$	14.13%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%
$\frac{857}{5747} = \frac{575 + 282}{5747} = 10\% + 5\% = 15\%$	14.91%	$\frac{929}{6575} = 10\% + 4\% = 14\%$	14.13%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%
$\frac{372}{3871} = \frac{387 - 15}{3871} = 10\% - 0.4\% = 9.6\%$	9.61%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%
$\frac{281}{5599} = 5\%$	5.02%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%
$\frac{531}{6262} = 8\%$	8.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%	$\frac{7903}{6195} = 10\% + 28\% = 38\%$	38.48%
比较分数大小									
① $\frac{848}{2577} < \frac{60}{788}$		② $\frac{909}{5281} > \frac{968}{5871}$		③ $\frac{689}{2792} < \frac{91}{598}$		④ $\frac{104}{3138} > \frac{166}{5753}$			

练习三：假设分配/“415”份数法						
题干	5192	7.10%	7785	17.20%	45608	4.50%
	$\begin{array}{r} 500 \overline{) 5192} \\ \underline{1000} \\ 1192 \\ \underline{714} \\ 478 \\ \underline{455} \\ 23 \end{array}$		$\begin{array}{r} 700 \overline{) 7785} \\ \underline{1400} \\ 3785 \\ \underline{2100} \\ 1685 \\ \underline{1400} \\ 285 \end{array}$		$\begin{array}{r} 400 \overline{) 45608} \\ \underline{8000} \\ 6608 \\ \underline{3200} \\ 3408 \\ \underline{3200} \\ 208 \end{array}$	
	4848	344	6642	1143	43644	1964
题干	22963	5.30%	76893	27.20%	33113	22.40%
	$\begin{array}{r} 200 \overline{) 22963} \\ \underline{4000} \\ 8963 \\ \underline{6000} \\ 2963 \\ \underline{2600} \\ 363 \end{array}$		$\begin{array}{r} 600 \overline{) 76893} \\ \underline{1200} \\ 16893 \\ \underline{12000} \\ 4893 \\ \underline{4800} \\ 93 \end{array}$		$\begin{array}{r} 300 \overline{) 33113} \\ \underline{6000} \\ 1113 \\ \underline{900} \\ 213 \\ \underline{210} \\ 3 \end{array}$	
	21807	1156	60450	16443	27053	6060
题干	9444	6.40%	77385	25.40%	36468	19.50%
	$\begin{array}{r} 900 \overline{) 9444} \\ \underline{1800} \\ 444 \\ \underline{360} \\ 84 \end{array}$		$\begin{array}{r} 600 \overline{) 77385} \\ \underline{1200} \\ 17385 \\ \underline{12000} \\ 5385 \\ \underline{5400} \\ -15 \end{array}$		$\begin{array}{r} 300 \overline{) 36468} \\ \underline{6000} \\ 468 \\ \underline{450} \\ 18 \end{array}$	
	8876	568	61711	15674	30517	5951
题干	46279	39.30%	8696	22.50%	94945	9.20%
	$\begin{array}{r} 400 \overline{) 46279} \\ \underline{8000} \\ 6279 \\ \underline{6000} \\ 279 \\ \underline{240} \\ 39 \end{array}$		$\begin{array}{r} 800 \overline{) 8696} \\ \underline{1600} \\ 696 \\ \underline{640} \\ 56 \end{array}$		$\begin{array}{r} 900 \overline{) 94945} \\ \underline{1800} \\ 4945 \\ \underline{4500} \\ 445 \\ \underline{440} \\ 5 \end{array}$	
	33223	13056	7099	1597	86946	7999
题干	5679	584	37345	378	9887	-9.10%
	$\begin{array}{r} 600 \overline{) 5679} \\ \underline{1200} \\ 4679 \\ \underline{4800} \\ -121 \end{array}$		$\begin{array}{r} 400 \overline{) 37345} \\ \underline{8000} \\ 7345 \\ \underline{7200} \\ 145 \\ \underline{140} \\ 5 \end{array}$		$\begin{array}{r} 11 \overline{) 9887} \\ \underline{22} \\ 7687 \\ \underline{76} \\ 87 \end{array}$	
	$x \approx 568 \times (-2.6\%) = -11.4 = -15$ $A = 568 + 15 = 583$		$x \approx 373 \times (-5.5\%) = -2.05 = -2$ $A = 373 + 2 = 375$		$x \approx -989$ $A = 9887 + 989$ $= 10876$	
	5831	-152	39519	-2174	10877	-990