

## Computation Error Analysis Practice

This practice worksheet accompanies the activity introduced on slide 27. First, complete the table below.

Item	Problem with Correct Response	Student 1 Response	Student 1 Correct Digits	Student 2 Response	Student 2 Correct Digits
1	$\begin{array}{r} 3058 \\ + 1148 \\ \hline 4206 \end{array}$	4196		4207	
2	$\begin{array}{r} 7329 \\ - 165 \\ \hline 7164 \end{array}$	7244		7264	
3	$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$	18		82	
4	$1\frac{2}{3} + 3\frac{2}{3} = 5\frac{1}{3}$	$4\frac{4}{6}$		$4\frac{4}{3}$	
5	$\begin{array}{r} 27 \text{ R } 2 \\ 3 \overline{)83} \\ \underline{6} \\ 23 \\ \underline{21} \\ 2 \end{array}$	$\begin{array}{r} 27 \\ 3 \overline{)83} \end{array}$		$\begin{array}{r} 21 \text{ R } 2 \\ 3 \overline{)83} \\ \underline{3} \\ 80 \\ \underline{6} \\ 2 \end{array}$	
6	$\begin{array}{r} 3.9 \\ + 4.3 \\ \hline 8.2 \end{array}$	7.12		7.2	

Use the information in the table above to answer the following questions:

1. Both students answered all of these problems incorrectly. Whose errors were more significant?
2. Would you plan the same instruction for these students? What might be different?
3. What additional data would be useful?