

DAY FIVE
Divide 3-digit number by 1-digit number

Zach solves $816 \div 4$ like this:

Step 1: Build the number	Step 2: Group the hundreds	Step 3: Group the tens and ones																		
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th style="width: 33%; padding: 5px;">H</th> <th style="width: 33%; padding: 5px;">T</th> <th style="width: 33%; padding: 5px;">O</th> </tr> <tr> <td style="padding: 5px;"> <div style="display: flex; justify-content: space-around;"> <div>100 100</div> <div>100 100</div> <div>100 100</div> <div>100 100</div> </div> </td> <td style="padding: 5px;"> <div style="display: flex; justify-content: space-around;"> <div>10</div> </div> </td> <td style="padding: 5px;"> <div style="display: flex; justify-content: space-around;"> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> </div> </td> </tr> </table>	H	T	O	<div style="display: flex; justify-content: space-around;"> <div>100 100</div> <div>100 100</div> <div>100 100</div> <div>100 100</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>10</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> </div>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th style="width: 33%; padding: 5px;">H</th> <th style="width: 33%; padding: 5px;">T</th> <th style="width: 33%; padding: 5px;">O</th> </tr> <tr> <td style="padding: 5px;"> <div style="display: flex; justify-content: space-around;"> <div>100 100</div> <div>100 100</div> <div>100 100</div> <div>100 100</div> </div> </td> <td style="padding: 5px;"> <div style="display: flex; justify-content: space-around;"> <div>10</div> </div> </td> <td style="padding: 5px;"> <div style="display: flex; justify-content: space-around;"> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> </div> </td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> $\begin{array}{r} 2 \\ 4 \overline{) 816} \end{array}$ </div>	H	T	O	<div style="display: flex; justify-content: space-around;"> <div>100 100</div> <div>100 100</div> <div>100 100</div> <div>100 100</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>10</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> </div>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th style="width: 33%; padding: 5px;">H</th> <th style="width: 33%; padding: 5px;">T</th> <th style="width: 33%; padding: 5px;">O</th> </tr> <tr> <td style="padding: 5px;"> <div style="display: flex; justify-content: space-around;"> <div>100 100</div> <div>100 100</div> <div>100 100</div> <div>100 100</div> </div> </td> <td style="padding: 5px;"> <div style="display: flex; justify-content: space-around;"> <div>10</div> </div> <div style="text-align: left; margin-top: 10px;"> <p>Exchange the ten for ten ones and then group the ones.</p> </div> </td> <td style="padding: 5px;"> <div style="display: flex; justify-content: space-around;"> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> </div> </td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> $\begin{array}{r} 204 \\ 4 \overline{) 816} \end{array}$ </div>	H	T	O	<div style="display: flex; justify-content: space-around;"> <div>100 100</div> <div>100 100</div> <div>100 100</div> <div>100 100</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>10</div> </div> <div style="text-align: left; margin-top: 10px;"> <p>Exchange the ten for ten ones and then group the ones.</p> </div>	<div style="display: flex; justify-content: space-around;"> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> <div>1 1</div> </div>
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Use this method to solve: $678 \div 3$

$791 \div 7$

$216 \div 4$