

Step-by-Step Name: _____ Date: _____
 Class: _____ Teacher: _____

When solving a math problem, it helps to do the work in steps. Use this chart to map out the steps.

1. Write any important math formulas or notes in the box to the left.
2. In the top right box, write your problem.
3. Complete the problem, one step at a time. Put only one step in each box.
4. Write your solution in the bottom right box.

<p>Important Math Formulas and Notes:</p> <p>Repeating Decimals converted to Fractions</p>	<p>Your Problem:</p> $0.\overline{7}$
	<p>Step One: Create an equation</p> $x = .\overline{7}$
	<p>Step Two: Create another equation.</p> $10x = 7.\overline{7}$
	<p>Step Three: Subtract the 2 equations</p> $\begin{array}{r} 10x = 7.\overline{7} \\ - \quad x = .\overline{7} \\ \hline 9x = 7 \end{array}$
	<p>Step Four: $\frac{9x}{9} = \frac{7}{9}$ $x = \frac{7}{9}$ Solve for x.</p>
<p>Your Solution:</p> $\frac{7}{9}$	

Understood For more tips and resources, go to understood.org