



Visual Guided Practice

Name: _____

Form A

Learning Target: I will determine the number of solutions to linear equations in one variable.

1. We Do Together

<p>Say the equation. Then, draw to find the solution.</p> <div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 5px;">$+x$</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 5px;">$+x$</div> </div> <div style="font-size: 2em;">+</div> <div style="font-size: 2em;"> </div> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 5px;">$+x$</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 5px;">$+x$</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 5px;">$+x$</div> </div> <div style="font-size: 2em;">++</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 5px;">$-x$</div> <div style="font-size: 2em;">-</div> </div> <div style="text-align: center; margin-top: 20px;"> <div style="font-size: 2em;"> </div> <p><i>Equal or Not Equal?</i></p> </div>	<p>Complete the missing steps to solve the equation.</p> $2x + 1 = 3x + 2 - x - 1$ $2x + 1 = 3x + 2 + \square + \square$ $2x + 1 = \square x + \square$ <div style="display: flex; justify-content: center; gap: 20px; margin-top: 10px;"> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> </div> <div style="text-align: center; margin-top: 10px;"> $1 \square 1$ <i>Equal or Not Equal?</i> </div> <p>Circle how many solutions make the equation true?</p> <p style="text-align: center;">One None Infinitely many</p>
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2. Reflect: What questions do you have about finding the number of solutions to linear equations?

3. You Do Together

<p>a. Say the equation. Then, draw to find the solution.</p> <div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 5px;">$-x$</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 5px;">$-x$</div> </div> <div style="font-size: 2em;">-----</div> <div style="font-size: 2em;"> </div> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 5px;">$-x$</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 5px;">$-x$</div> </div> <div style="font-size: 2em;">+++++</div> <div style="font-size: 2em;">+++++</div> </div> <div style="text-align: center; margin-top: 20px;"> <div style="font-size: 2em;"> </div> <p><i>Equal or Not Equal?</i></p> </div>	<p>Complete the missing steps to solve the equation</p> $2(-x + -5) = -2x + 10$ $2 \cdot \square + 2 \cdot \square = -2x + 10$ $-2x + -10 = -2x + 10$ <div style="display: flex; justify-content: center; gap: 20px; margin-top: 10px;"> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> </div> <div style="text-align: center; margin-top: 10px;"> $-10 \square 10$ <i>Equal or Not Equal?</i> </div> <p>Circle how many solutions make the equation true?</p> <p style="text-align: center;">One None Infinitely many</p>
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b. Solve to find the number of solutions.

$$2(2x + 1) = 6x - 4$$

Circle the number of solutions to the equation.

One None Infinitely many

c. Solve to find the number of solutions.

$$2(x + 3) + 4 = 2x + 10$$

Circle how many solutions make the equation true?

One None Infinitely many

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<p>b. Solve to find the number of solutions.</p> $3(2x + 5) = 6x + 12$ <p style="text-align: center; margin-top: 20px;">Circle the number of solutions to the equation. One None Infinitely many</p>	<p>c. Solve to find the number of solutions.</p> $2(2x - 3) = 6x - 4$ <p style="text-align: center; margin-top: 20px;">Circle how many solutions make the equation true? One None Infinitely many</p>
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<p>b. Solve to find the number of solutions.</p> $2(2x + 1) = 6x - 4$ <p>Circle the number of solutions to the equation. One None Infinitely many</p>	<p>c. Solve to find the number of solutions.</p> $2(2x + 3) + 4 = 4x + 10$ <p>Circle how many solutions make the equation true? One None Infinitely many</p>