

Learning Target: I will solve 1-step equations.

Form A

1. We Do Together

<p>Say what you see</p> <div style="display: flex; align-items: center; justify-content: space-around;"> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">+x</div> + + + </div> <div style="border-left: 2px solid black; border-right: 2px solid black; height: 100px; margin: 0 10px;"></div> <div style="text-align: center;"> + + + + + </div> <div style="text-align: center;"> + + + + + </div> <div style="text-align: center;"> + + </div> </div> <div style="margin-top: 10px; text-align: center;"> <div style="border: 1px solid black; padding: 2px 10px; display: inline-block; margin-right: 20px;">x</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin-right: 20px;">3</div> </div> <div style="margin-top: 10px; text-align: center;"> <div style="border: 1px solid black; padding: 2px 20px; display: inline-block;">12</div> </div> <p style="text-align: center; margin-top: 10px;"><i>is equal to</i></p>	<p>Show your thinking using numbers and symbols</p> $x + 3 = 12$
<p>Draw <u>two</u> ways to find the value of x. (<i>Algebra Tiles and Tape Diagrams</i>)</p>	

2. Reflect: What questions do you have about solving 1-step equations?

3. You Do Together

<p>Say what you see</p> <div style="display: flex; align-items: center; justify-content: space-around;"> <div style="text-align: center;"> + + + + + </div> <div style="border-left: 2px solid black; border-right: 2px solid black; height: 100px; margin: 0 10px;"></div> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin-bottom: 5px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin-bottom: 5px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin-bottom: 5px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin-bottom: 5px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">+x</div> </div> </div> <div style="margin-top: 10px; text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin-right: 5px;">x</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin-right: 5px;">x</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin-right: 5px;">x</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block; margin-right: 5px;">x</div> <div style="border: 1px solid black; padding: 2px 5px; display: inline-block;">x</div> </div> <div style="margin-top: 10px; text-align: center;"> <div style="border: 1px solid black; padding: 2px 20px; display: inline-block;">10</div> </div> <p style="text-align: center; margin-top: 10px;"><i>is equal to</i></p>	<p>Show your thinking using numbers and symbols</p> $10 = 5x$
<p>Draw <u>two</u> ways to find the value of x. (<i>Algebra Tiles and Tape Diagrams</i>)</p>	

<p>Say what you see</p> <div style="text-align: center; margin-top: 20px;"> <div style="margin-bottom: 5px;"> ← 8 → </div> <div style="display: flex; justify-content: center; gap: 5px;"> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> </div> <div style="margin-top: 10px; text-align: center;"> <div style="border: 1px solid black; padding: 2px 10px; display: inline-block;">x</div> </div> </div>	<p>Show your thinking using numbers and symbols</p> $8 = \frac{2}{5}x$
<p>Draw to find the value of x. (<i>Tape Diagrams</i>)</p>	

<p>Say what you see</p> <div style="text-align: center; margin-top: 20px;"> <div style="display: flex; justify-content: center; gap: 5px; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">x</div> <div style="border: 1px solid black; padding: 2px 5px;">x</div> <div style="border: 1px solid black; padding: 2px 5px;">x</div> </div> <div style="display: flex; justify-content: center; gap: 10px; margin-bottom: 10px;"> <div style="border: 1px solid black; width: 60px; height: 20px;"></div> <div style="border: 1px solid black; width: 60px; height: 20px;"></div> </div> <div style="text-align: center;"> ← 1 → </div> </div>	<p>Show your thinking using numbers and symbols</p> $3x = \frac{1}{2}$
<p>Draw to find the value of x. (<i>Tape Diagrams</i>)</p>	

Learning Target: I will solve 1-step equations.

Form B

1. We Do Together

<p>Say what you see</p> <div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <div style="border: 1px solid black; padding: 2px 5px;">+x</div> <div>+</div><div>+</div><div>+</div><div>+</div> </div> <div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 40px; margin: 0 5px;"></div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>+</div><div>+</div><div>+</div><div>+</div><div>+</div> <div>+</div><div>+</div><div>+</div><div>+</div><div>+</div> </div> </div> <div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <table border="1" style="border-collapse: collapse;"> <tr><td style="padding: 2px 10px;">x</td><td style="padding: 2px 10px;">4</td></tr> </table> <table border="1" style="border-collapse: collapse; width: 60px;"> <tr><td style="padding: 2px 10px; text-align: center;">10</td></tr> </table> </div> <p style="text-align: center; margin-top: 10px;"><i>is equal to</i></p>	x	4	10	<p>Show your thinking using numbers and symbols</p> $x + 4 = 10$
x	4			
10				
<p>Draw two ways to find the value of x. (<i>Algebra Tiles and Tape Diagrams</i>)</p>				

2. Reflect: What questions do you have about solving 1-step equations?

3. You Do Together

<p>Say what you see</p> <div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <div style="display: flex; flex-direction: column; gap: 5px;"> <div>+</div><div>+</div><div>+</div><div>+</div><div>+</div> <div>+</div><div>+</div><div>+</div><div>+</div><div>+</div> <div>+</div><div>+</div> </div> <div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="border-left: 1px solid black; border-right: 1px solid black; height: 40px; margin: 0 5px;"></div> <div style="display: flex; flex-direction: column; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px;">+x</div> </div> </div> <div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <table border="1" style="border-collapse: collapse;"> <tr><td style="padding: 2px 10px;">x</td><td style="padding: 2px 10px;">x</td><td style="padding: 2px 10px;">x</td><td style="padding: 2px 10px;">x</td></tr> </table> <table border="1" style="border-collapse: collapse; width: 60px;"> <tr><td style="padding: 2px 10px; text-align: center;">12</td></tr> </table> </div> <p style="text-align: center; margin-top: 10px;"><i>is equal to</i></p> </div>	x	x	x	x	12	<p>Show your thinking using numbers and symbols</p> $12 = 4x$
x	x	x	x			
12						
<p>Draw two ways to find the value of x. (<i>Algebra Tiles and Tape Diagrams</i>)</p>						
<p>Say what you see</p> <div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <div style="text-align: center;"> 9 <div style="border: 1px solid black; padding: 2px 10px; margin-top: 5px;">x</div> </div> </div>	<p>Show your thinking using numbers and symbols</p> $9 = \frac{3}{4}x$					
<p>Draw to find the value of x. (<i>Tape Diagrams</i>)</p>						
<p>Say what you see</p> <div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <div style="text-align: center;"> <table border="1" style="border-collapse: collapse;"> <tr><td style="padding: 2px 5px;">x</td><td style="padding: 2px 5px;">x</td><td style="padding: 2px 5px;">x</td><td style="padding: 2px 5px;">x</td></tr> </table> <div style="border: 1px solid black; padding: 2px 10px; margin-top: 5px; width: 100px;"></div> 1 </div> </div>	x	x	x	x	<p>Show your thinking using numbers and symbols</p> $4x = \frac{1}{3}$	
x	x	x	x			
<p>Draw to find the value of x. (<i>Tape Diagrams</i>)</p>						

Learning Target: I will solve 1-step equations.

Form C

1. We Do Together

<p>Say what you see</p> <div style="text-align: center;"> <p style="margin-top: 10px;"><i>is equal to</i></p> </div>	<p>Show your thinking using numbers and symbols</p> $x + 2 = 8$
<p>Draw two ways to find the value of x. (<i>Algebra Tiles and Tape Diagrams</i>)</p>	

2. Reflect: What questions do you have about solving 1-step equations?

3. You Do Together

<p>Say what you see</p> <div style="text-align: center;"> <p style="margin-top: 10px;"><i>is equal to</i></p> </div>	<p>Show your thinking using numbers and symbols</p> $15 = 3x$
<p>Draw two ways to find the value of x. (<i>Algebra Tiles and Tape Diagrams</i>)</p>	

<p>Say what you see</p> <div style="text-align: center;"> </div>	<p>Show your thinking using numbers and symbols</p> $14 = \frac{2}{3}x$
<p>Draw to find the value of x. (<i>Tape Diagrams</i>)</p>	

<p>Say what you see</p> <div style="text-align: center;"> </div>	<p>Show your thinking using numbers and symbols</p> $2x = \frac{1}{4}$
<p>Draw to find the value of x. (<i>Tape Diagrams</i>)</p>	