



Visual Guided Practice

Name: _____

Learning Target: I will add and subtract algebraic expressions.

Form A

1. We Do Together

<p>Say the expressions and combine the like terms</p> $(x + 3) + (4x + -1)$ <div style="display: flex; align-items: center; justify-content: center; gap: 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 style="border: 1px solid black; padding: 2px 5px;">+x</div> + <div style="border: 1px solid black; padding: 2px 5px;">+x</div> - </div>	<p>Write as <u>add the opposite to subtract</u>, then draw</p> $(x + 3) - (4x + -1)$ $(x + 3) + \underline{\hspace{2cm}}$
<p>Write the equivalent simplified algebraic expression</p>	<p>Write the equivalent simplified algebraic expression</p>

2. **Reflect:** What questions do you have about adding and subtracting algebraic expressions?

3. You Do Together

<p>Say the expressions and combine the like terms</p> $(3x + -5) + x + (2x + 3)$ <div style="display: flex; align-items: center; justify-content: center; gap: 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 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>	<p>Write as <u>add the opposite to subtract</u>, then draw</p> $(3x + -5) - x - (2x + -3)$ $(3x + 5) + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$
<p>Write the equivalent simplified algebraic expression</p>	<p>Write the equivalent simplified algebraic expression</p>
<p>Say the expressions and combine the like terms</p> $(x + 1) + (-4x + 2) + 2x$ <div style="display: flex; align-items: center; justify-content: center; gap: 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 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>	<p>Write as <u>add the opposite to subtract</u>, then draw</p> $(x + 1) - (-4x + 2) - 2x$ $(x + 1) + \underline{\hspace{2cm}} + \underline{\hspace{1cm}}$
<p>Write the equivalent simplified algebraic expression</p>	<p>Write the equivalent simplified algebraic expression</p>



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Form B

1. We Do Together

<p>Say the expressions and combine the like terms</p> $(3x + 1) + (x + -2)$ <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: 2px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> </div> <div style="font-size: 2em;">+</div> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> <div style="font-size: 2em;">-</div> </div> </div>	<p>Write as <u>add the opposite to subtract</u>, then draw</p> $(3x + 1) - (x + -2)$ $(3x + 1) + \underline{\hspace{2cm}}$
<p>Write the equivalent simplified algebraic expression</p>	<p>Write the equivalent simplified algebraic expression</p>

2. **Reflect:** What questions do you have about adding and subtracting algebraic expressions?

3. You Do Together

<p>Say the expressions and combine the like terms</p> $(2x + -3) + x + (4x + 2)$ <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: 2px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> </div> <div style="font-size: 2em;">-</div> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> </div> <div style="font-size: 2em;">+</div> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> </div> <div style="font-size: 2em;">+</div> </div>	<p>Write as <u>add the opposite to subtract</u>, then draw</p> $(2x + -3) - x - (4x + 2)$ $(2x + 3) + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$
<p>Write the equivalent simplified algebraic expression</p>	<p>Write the equivalent simplified algebraic expression</p>
<p>Say the expressions and combine the like terms</p> $(x + 3) + (-2x + 1) + 3x$ <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: 2px;">+x</div> <div style="font-size: 2em;">+</div> </div> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">-x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">-x</div> <div style="font-size: 2em;">+</div> </div> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-bottom: 2px;">+x</div> </div> </div>	<p>Write as <u>add the opposite to subtract</u>, then draw</p> $(x + 3) - (-2x + 1) - 3x$ $(x + 3) + \underline{\hspace{2cm}} + \underline{\hspace{1cm}}$
<p>Write the equivalent simplified algebraic expression</p>	<p>Write the equivalent simplified algebraic expression</p>



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Form C

1. We Do Together

<p>Say the expressions and combine the like terms</p> $(x + 4) + (2x + -3)$ <p><table style="display: inline-table; vertical-align: middle;"><tr><td style="border: 1px solid black; padding: 2px;">+x</td></tr></table> + <table style="display: inline-table; vertical-align: middle;"><tr><td style="border: 1px solid black; padding: 2px;">+x</td></tr></table> -</p> <p style="margin-left: 100px;">+</p> <p style="margin-left: 100px;">+</p> <p style="margin-left: 100px;">+</p>	+x	+x	<p>Write as <u>add the opposite to subtract</u>, then draw</p> $(x + 4) - (2x + -3)$ $(x + 4) + \underline{\hspace{2cm}}$
+x			
+x			
Write the equivalent simplified algebraic expression	Write the equivalent simplified algebraic expression		

2. Reflect: What questions do you have about adding and subtracting algebraic expressions?

3. You Do Together

<p>Say the expressions and combine the like terms</p> $(3x + -4) + x + (4x + 1)$ <p><table style="display: inline-table; vertical-align: middle;"><tr><td style="border: 1px solid black; padding: 2px;">+x</td></tr></table> - <table style="display: inline-table; vertical-align: middle;"><tr><td style="border: 1px solid black; padding: 2px;">+x</td></tr></table> <table style="display: inline-table; vertical-align: middle;"><tr><td style="border: 1px solid black; padding: 2px;">+x</td></tr></table> +</p> <p style="margin-left: 10px;">-</p> <p style="margin-left: 10px;">-</p> <p style="margin-left: 10px;">-</p>	+x	+x	+x	<p>Write as <u>add the opposite</u> to subtract, then draw</p> $(3x + -4) - x - (4x + 1)$ $(3x + 4) + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$
+x				
+x				
+x				
Write the equivalent simplified algebraic expression	Write the equivalent simplified algebraic expression			
<p>Say the expressions and combine the like terms</p> $(2x + 1) + (-x + 3) + 2x$ <p><table style="display: inline-table; vertical-align: middle;"><tr><td style="border: 1px solid black; padding: 2px;">+x</td></tr></table> + <table style="display: inline-table; vertical-align: middle;"><tr><td style="border: 1px solid black; padding: 2px;">-x</td></tr></table> + <table style="display: inline-table; vertical-align: middle;"><tr><td style="border: 1px solid black; padding: 2px;">+x</td></tr></table></p> <p style="margin-left: 20px;">+</p> <p style="margin-left: 20px;">+</p>	+x	-x	+x	<p>Write as <u>add the opposite</u> to subtract, then draw</p> $(2x + 1) - (-x + 3) - 2x$ $(2x + 1) + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
+x				
-x				
+x				
Write the equivalent simplified algebraic expression	Write the equivalent simplified algebraic expression			