



Name _____

Date _____

Learning Target: I will multiply multi-digit numbers

6th Grade - Readiness Standard 2 - 5.NBT.5 - Form A

1. We Do Together: Label, multiply and show.

<p>Label the partial lengths if the total length is 2864</p> <table style="margin-left: auto; margin-right: auto; text-align: center;"> <tr> <td></td> <td>2000</td> <td>800</td> <td>60</td> <td>4</td> </tr> <tr> <td style="border: none;">7</td> <td style="border: 1px solid black; padding: 5px;"> 7×2000 14000 </td> <td style="border: 1px solid black; padding: 5px;"> 7×800 5600 </td> <td style="border: 1px solid black; padding: 5px;"> 7×60 420 </td> <td style="border: 1px solid black; padding: 5px;"> 7×4 28 </td> </tr> </table> <p>Multiply to find each partial area</p>		2000	800	60	4	7	7×2000 14000	7×800 5600	7×60 420	7×4 28	<p>Show your thinking using numbers and symbols</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right; padding-right: 20px;"> $\begin{array}{r} 2864 \\ \times \quad 7 \\ \hline 14000 \\ 5600 \\ 420 \\ + \quad 28 \\ \hline 20048 \end{array}$ </td> <td style="vertical-align: middle; padding: 0 10px;">or</td> <td style="text-align: right;"> $\begin{array}{r} 28 \\ 420 \\ 5600 \\ + 14000 \\ \hline 20048 \end{array}$ </td> </tr> </table>	$\begin{array}{r} 2864 \\ \times \quad 7 \\ \hline 14000 \\ 5600 \\ 420 \\ + \quad 28 \\ \hline 20048 \end{array}$	or	$\begin{array}{r} 28 \\ 420 \\ 5600 \\ + 14000 \\ \hline 20048 \end{array}$
	2000	800	60	4										
7	7×2000 14000	7×800 5600	7×60 420	7×4 28										
$\begin{array}{r} 2864 \\ \times \quad 7 \\ \hline 14000 \\ 5600 \\ 420 \\ + \quad 28 \\ \hline 20048 \end{array}$	or	$\begin{array}{r} 28 \\ 420 \\ 5600 \\ + 14000 \\ \hline 20048 \end{array}$												

2. Reflect: What questions do you have about multiplying multi-digit numbers?

3. You Do Together: Label, multiply and show.

<p>Label the partial lengths if the total length is 28</p> <table style="margin-left: auto; margin-right: auto; text-align: center;"> <tr> <td></td> <td>20</td> <td>8</td> </tr> <tr> <td style="border: none;">10</td> <td style="border: 1px solid black; padding: 5px;"> 10×20 200 </td> <td style="border: 1px solid black; padding: 5px;"> 10×8 80 </td> </tr> <tr> <td style="border: none;">7</td> <td style="border: 1px solid black; padding: 5px;"> 7×20 140 </td> <td style="border: 1px solid black; padding: 5px;"> 7×8 56 </td> </tr> </table> <p>Multiply to find each partial area</p>		20	8	10	10×20 200	10×8 80	7	7×20 140	7×8 56	<p>Show your thinking using numbers and symbols</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right; padding-right: 20px;"> $\begin{array}{r} 28 \\ \times 17 \\ \hline 200 \\ 80 \\ 140 \\ + 56 \\ \hline 476 \end{array}$ </td> <td style="vertical-align: middle; padding: 0 10px;">or</td> <td style="text-align: right;"> $\begin{array}{r} 56 \\ 140 \\ 80 \\ + 200 \\ \hline 476 \end{array}$ </td> </tr> </table>	$\begin{array}{r} 28 \\ \times 17 \\ \hline 200 \\ 80 \\ 140 \\ + 56 \\ \hline 476 \end{array}$	or	$\begin{array}{r} 56 \\ 140 \\ 80 \\ + 200 \\ \hline 476 \end{array}$			
	20	8														
10	10×20 200	10×8 80														
7	7×20 140	7×8 56														
$\begin{array}{r} 28 \\ \times 17 \\ \hline 200 \\ 80 \\ 140 \\ + 56 \\ \hline 476 \end{array}$	or	$\begin{array}{r} 56 \\ 140 \\ 80 \\ + 200 \\ \hline 476 \end{array}$														
<p>Label the partial lengths if the total length is 286</p> <table style="margin-left: auto; margin-right: auto; text-align: center;"> <tr> <td></td> <td>200</td> <td>80</td> <td>6</td> </tr> <tr> <td style="border: none;">10</td> <td style="border: 1px solid black; padding: 5px;"> 10×200 2000 </td> <td style="border: 1px solid black; padding: 5px;"> 10×80 800 </td> <td style="border: 1px solid black; padding: 5px;"> 10×6 60 </td> </tr> <tr> <td style="border: none;">7</td> <td style="border: 1px solid black; padding: 5px;"> 7×200 1400 </td> <td style="border: 1px solid black; padding: 5px;"> 7×80 560 </td> <td style="border: 1px solid black; padding: 5px;"> 7×6 42 </td> </tr> </table> <p>Multiply to find each partial area</p>		200	80	6	10	10×200 2000	10×80 800	10×6 60	7	7×200 1400	7×80 560	7×6 42	<p>Show your thinking using numbers and symbols</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right; padding-right: 20px;"> $\begin{array}{r} 286 \\ \times 17 \\ \hline 2000 \\ 800 \\ 60 \\ 1400 \\ 560 \\ + 42 \\ \hline 4862 \end{array}$ </td> <td style="vertical-align: middle; padding: 0 10px;">or</td> <td style="text-align: right;"> $\begin{array}{r} 42 \\ 560 \\ 1400 \\ 60 \\ 800 \\ + 2000 \\ \hline 4862 \end{array}$ </td> </tr> </table>	$\begin{array}{r} 286 \\ \times 17 \\ \hline 2000 \\ 800 \\ 60 \\ 1400 \\ 560 \\ + 42 \\ \hline 4862 \end{array}$	or	$\begin{array}{r} 42 \\ 560 \\ 1400 \\ 60 \\ 800 \\ + 2000 \\ \hline 4862 \end{array}$
	200	80	6													
10	10×200 2000	10×80 800	10×6 60													
7	7×200 1400	7×80 560	7×6 42													
$\begin{array}{r} 286 \\ \times 17 \\ \hline 2000 \\ 800 \\ 60 \\ 1400 \\ 560 \\ + 42 \\ \hline 4862 \end{array}$	or	$\begin{array}{r} 42 \\ 560 \\ 1400 \\ 60 \\ 800 \\ + 2000 \\ \hline 4862 \end{array}$														



Name _____

Date _____

Learning Target: I will divide 4-digit number

6th Grade - Readiness Standard 3 - 5.NBT.6 - Form A

1. We Do Together: List, label, think multiply to divide and show.

List the multiples of 3

$3 \times 1 = \underline{3}$ $3 \times 2 = \underline{6}$ $3 \times 3 = \underline{9}$

$3 \times 4 = \underline{12}$ $3 \times 5 = \underline{15}$ $3 \times 6 = \underline{18}$

$3 \times 7 = \underline{21}$ $3 \times 8 = \underline{24}$ $3 \times 9 = \underline{27}$

Show your thinking using numbers and symbols

$$\begin{array}{r}
 \overline{)7092} \\
 \underline{-6000} \\
 1092 \\
 \underline{-900} \\
 192 \\
 \underline{-180} \\
 12 \\
 \underline{-12} \\
 0
 \end{array}$$

} 2364

Label the missing lengths

	2000	300	60	4
3	$3(\underline{2000})$ 6000	$3(\underline{300})$ 900	$3(\underline{60})$ 180	$3(\underline{4})$ 12

List the multiples of 7

$7 \times 1 = \underline{7}$ $7 \times 2 = \underline{14}$ $7 \times 3 = \underline{21}$

$7 \times 4 = \underline{28}$ $7 \times 5 = \underline{35}$ $7 \times 6 = \underline{42}$

$7 \times 7 = \underline{49}$ $7 \times 8 = \underline{56}$ $7 \times 9 = \underline{63}$

Show your thinking using numbers and symbols

$$\begin{array}{r}
 \overline{)5852} \\
 \underline{-5600} \\
 252 \\
 \underline{-210} \\
 42 \\
 \underline{-42} \\
 0
 \end{array}$$

} 836

Label the missing lengths

	800	30	6
7	$7(\underline{800})$ 5600	$7(\underline{30})$ 210	$7(\underline{6})$ 42

2. Reflect: What questions do you have about dividing a 4-digit number?



Name _____ Date _____

Learning Target: I will divide 4-digit number

6th Grade - Readiness Standard 3 - 5.NBT.6 - Form A

3. You Do Together: List, label, think multiply to divide and show.

List the multiples of 20

$20 \times 1 = \underline{20}$ $20 \times 2 = \underline{40}$ $20 \times 3 = \underline{60}$

$20 \times 4 = \underline{80}$ $20 \times 5 = \underline{100}$ $20 \times 6 = \underline{120}$

$20 \times 7 = \underline{140}$ $20 \times 8 = \underline{160}$ $20 \times 9 = \underline{180}$

Show your thinking using numbers and symbols

$$\begin{array}{r} 20 \overline{) 6540} \\ \underline{-6000} \\ 540 \\ \underline{-400} \\ 140 \\ \underline{-140} \\ 0 \end{array} \quad \left. \begin{array}{l} 20 \\ 300 \end{array} \right\} 327$$

Label the missing lengths

	300	20	7
20	$20(\underline{300})$ 6000	$20(\underline{20})$ 400	$20(\underline{7})$ 140

List the multiples of 14

$14 \times 1 = \underline{14}$ $14 \times 2 = \underline{28}$ $14 \times 3 = \underline{42}$

$14 \times 4 = \underline{56}$ $14 \times 5 = \underline{70}$ $14 \times 6 = \underline{84}$

$14 \times 7 = \underline{98}$ $14 \times 8 = \underline{112}$ $14 \times 9 = \underline{126}$

Show your thinking using numbers and symbols

$$\begin{array}{r} 14 \overline{) 8246} \\ \underline{-7000} \\ 1246 \\ \underline{-1120} \\ 126 \\ \underline{-126} \\ 0 \end{array} \quad \left. \begin{array}{l} 14 \\ 500 \end{array} \right\} 589$$

Label the missing lengths

	500	80	9
14	$14(\underline{500})$ 7000	$14(\underline{80})$ 1120	$14(\underline{9})$ 126

Learning Target: I will add and subtract mixed numbers with different denominators

6th Grade - Readiness Standard 4 - 5.NF.1 - Form A

1. We Do Together: Rewrite, draw, tell and show.

<p>Rewrite using common denominators</p> $3 \frac{1 \times 2}{3 \times 2} \quad 2 \frac{8}{6}$ $- 1 \frac{5}{6} \quad - 1 \frac{5}{6}$ <hr style="width: 50%; margin-left: 0;"/> $\frac{3 \cdot 1}{3 \cdot 2} \quad \text{or } \frac{3}{6}$	<p>Show the common denominators and ungroup to subtract</p>
<p>Tell what you ungrouped and the equivalent mixed number</p> $1 \text{ Whole} = \frac{6}{6} \quad 3 \frac{2}{6} = 2 \frac{8}{6}$	<p>Show your thinking using numbers and symbols in the box to the far left</p>

2. Reflect: What questions do you have about subtracting mixed numbers?

3. You Do Together: Rewrite, draw, tell and show.

<p>Rewrite using common denominators</p> $2 \frac{1 \times 4}{2 \times 4} \quad 1 \frac{12}{8}$ $- 1 \frac{7}{8} \quad - 1 \frac{7}{8}$ <hr style="width: 50%; margin-left: 0;"/> $\frac{5}{8}$	<p>Draw the total, ungroup if necessary, then subtract</p>
<p>Tell what you ungrouped and the equivalent mixed number</p> $1 \text{ Whole} = \frac{8}{8} \quad 2 \frac{4}{8} = 1 \frac{12}{8}$	<p>Show your thinking using numbers and symbols in the box to the far left</p>
<p>Rewrite using common denominators</p> $1 \frac{2 \times 4}{3 \times 4} \quad 1 \frac{8}{12}$ $+ 1 \frac{3 \times 3}{4 \times 3} \quad 1 \frac{9}{12}$ <hr style="width: 50%; margin-left: 0;"/> $\text{or } 3 \frac{5}{12}$	<p>Draw the total by adding the whole numbers first</p>
<p>Tell what you grouped and the equivalent mixed number</p> $1 \text{ Whole} = \frac{12}{12} \quad \frac{8}{12} + \frac{9}{12} = \frac{17}{12} = 1 \frac{5}{12}$	<p>Show your thinking using numbers and symbols in the box to the far left</p>

Learning Target: I will multiply a whole number by a fraction 6th Grade - Readiness Standard 5 - 5.NF.4b - Form A

1. We Do Together: Draw, identify and multiply.

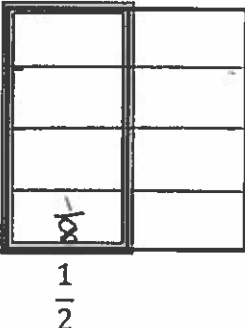
<p>Draw 1-fourth of 2-thirds of the whole</p> <div style="text-align: center;"> </div> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;"> $\frac{1}{4}$ $\frac{2}{3}$ </div>	<p>Identify the size of 1-fourth of the 2-thirds</p> <p>1-fourth of 2-thirds is $\frac{2}{12}$ of the whole</p> <hr/> <p>Multiply numerators and denominators, then simplify</p> $\frac{1}{4} \times \frac{2}{3} = \frac{2}{12} = \frac{\cancel{2} \cdot 1}{\cancel{2} \cdot 6} = \frac{1}{6}$
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2. Reflect: What questions do you have about multiplying a whole number by a fraction?
3. You Do Together: Draw, identify and multiply.

<p>Draw 2-thirds of 5-sixths of the whole</p> <div style="text-align: center;"> </div> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;"> $\frac{2}{3}$ $\frac{5}{6}$ </div>	<p>Identify the size of 2-thirds of the 5-sixths</p> <p>2-thirds of 5-sixths is $\frac{10}{18}$ of the whole</p> <hr/> <p>Multiply numerators and denominators, then simplify</p> $\frac{2}{3} \times \frac{5}{6} = \frac{10}{18} = \frac{\cancel{2} \cdot 5}{\cancel{2} \cdot 9} = \frac{5}{9}$
<p>Draw 3-fourths of 1-third of the whole</p> <div style="text-align: center;"> </div> <div style="display: flex; justify-content: center; align-items: center; gap: 20px;"> $\frac{3}{4}$ $\frac{1}{3}$ </div>	<p>Identify the size of 3-fourths of the 1-third</p> <p>3-fourths of 1-third is $\frac{3}{12}$ of the whole</p> <hr/> <p>Multiply numerators and denominators, then simplify</p> $\frac{3}{4} \times \frac{1}{3} = \frac{3}{12} = \frac{\cancel{3} \cdot 1}{\cancel{3} \cdot 4} = \frac{1}{4}$

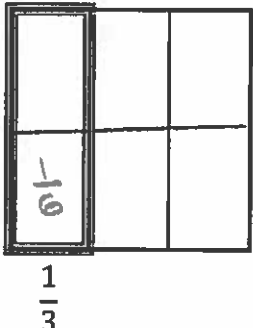
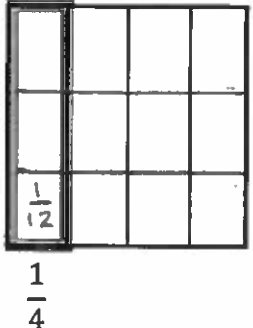
Learning Target: I will divide a unit fraction by a whole number 6th Grade - Readiness Standard 6 - 5.NF.7a - Form A

1. We Do Together: Divide, identify, think multiply to divide and share.

<p>Divide 1-half of the whole into 4 equal parts</p> 	<p>Identify the size of each part</p> $\frac{1}{2} \div 4 = \frac{1}{8}$	<p>Think multiply to divide</p> $\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$
<p>Share how 4 is related to $\frac{1}{4}$</p> <p>$\frac{1}{4}$ is the reciprocal of 4 or $\frac{1}{4}$</p>		

2. Reflect: What questions do you have about dividing a unit fraction by a whole number?

3. You Do Together: Divide, identify, think multiply to divide and share.

<p>Divide 1-third of the whole into 2 equal parts</p> 	<p>Identify the size of each part</p> $\frac{1}{3} \div 2 = \frac{1}{6}$	<p>Think multiply to divide</p> $\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$
<p>Share how 2 is related to $\frac{1}{2}$</p> <p>$\frac{1}{2}$ is the reciprocal of 2 or $\frac{2}{1}$</p>		
<p>Divide 1-fourth of the whole into 3 equal parts</p> 	<p>Identify the size of each part</p> $\frac{1}{4} \div 3 = \frac{1}{12}$	<p>Think multiply to divide</p> $\frac{1}{4} \times \frac{1}{3} = \frac{1}{12}$
<p>Share how 3 is related to $\frac{1}{3}$</p> <p>$\frac{1}{3}$ is the reciprocal of 3 or $\frac{3}{1}$</p>		



Name _____

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Learning Target: I will divide a whole number by a unit fraction 6th Grade - Readiness Standard 7 - 5.NF.7b - Form A

1. We Do Together: Divide, identify and think multiply to divide.

Each squares to represent 1 whole. Divide the 3 wholes into equal parts of 1-fourth

✓	✓	✓
✓	✓	✓
✓	✓	✓
$\frac{1}{4}$	✓	✓

Identify how many 1-fourths are in 3 wholes

$$3 \div \frac{1}{4} = 12$$

Share how $\frac{1}{4}$ is related to 44 is the reciprocal of $\frac{1}{4}$

Think multiply to divide

$$3 \times 4 = 12$$

2. Reflect: What questions do you have about dividing a whole number by a unit fraction?

3. You Do Together: Divide, identify and think multiply to divide.

Each squares to represent 1 whole. Divide the 5 wholes into equal parts of 1-third

✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
$\frac{1}{3}$	✓	✓	✓	✓

Identify how many 1-thirds are in 5 wholes

$$5 \div \frac{1}{3} = 15$$

Share how $\frac{1}{3}$ is related to 33 is the reciprocal of $\frac{1}{3}$

Think multiply to divide

$$5 \times 3 = 15$$

Learning Target: I will multiply and divide fractions

 7th Grade - Readiness Standard 1 - 6.NS.1 - Form A

1. We Do Together: Label, multiply, divide and think multiply to divide.

<p>Draw 1-half of 1-fourth of the whole</p> <div style="text-align: center;"> </div>	<p>Draw to find how many <u>1-fourths</u> are in 1-half</p> <div style="text-align: center;"> </div>
<p>Multiply to find the size of each fractional part</p> $\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$	<p>Write the number of groups and think multiply to divide</p> $\frac{1}{2} \div \frac{1}{4} = 2 \quad \frac{1}{2} \times \frac{4}{1} = \frac{4}{2} = \frac{\cancel{2} \cdot 2}{\cancel{2} \cdot 1} = 2$

2. Reflect: What questions do you have about multiplying and dividing fractions?

3. You Do Together: Label, multiply, divide and think multiply to divide.

<p>Draw 2-thirds of 2-sixths of the whole</p> <div style="text-align: center;"> </div>	<p>Draw to find how many <u>2-sixths</u> are in 2-thirds</p> <div style="text-align: center;"> </div>
<p>Multiply to find the size of each fractional part</p> $\frac{2}{3} \times \frac{2}{6} = \frac{4}{18} = \frac{\cancel{2} \cdot 2}{\cancel{2} \cdot 9} = \frac{2}{9}$	<p>Write the number of groups and think multiply to divide</p> $\frac{2}{3} \div \frac{2}{6} = 2 \quad \frac{2}{3} \times \frac{6}{2} = \frac{12}{6} = \frac{\cancel{6} \cdot 2}{\cancel{6} \cdot 1} = 2$

Learning Target: I will evaluate algebraic expressions

 7th Grade - Readiness Standard 4 - 6.EE.2c - Form A

1. We Do Together: Draw, tell and show.

<p>Draw each x as 4 plus signs to evaluate $3x + 2$ when $x = 4$.</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 style="border: 1px solid black; padding: 2px 5px;">+x</div> </div> <div style="text-align: center;">+ +</div> <div style="border-left: 3px double black; height: 100px; margin: 0 10px;"></div> <div style="text-align: center;"> + + + + + + + + + + + + </div> <div style="text-align: center;">+ +</div> </div> <p style="text-align: center; margin-top: 5px;"><i>Is equal to</i></p>	<p>Show your thinking using numbers and symbols</p> $3x + 2 \text{ when } x = 4$ $3(\underline{4}) + 2$ $\underline{12} + 2$ $\underline{14}$
<p>Tell the value of the 3 x's</p> $x + x + x = 3x = 3(\underline{4}) = \underline{12}$	

2. Reflect: What questions do you have about evaluating algebraic expressions?
3. You Do Together: Draw, tell and show.

<p>Draw each x as 5 plus signs to evaluate $2x + 4$ when $x = 5$.</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;">+x</div> </div> <div style="text-align: center;">+ + +</div> <div style="border-left: 3px double black; height: 100px; margin: 0 10px;"></div> <div style="text-align: center;"> + + + + + + + + + + </div> <div style="text-align: center;">+ + +</div> </div> <p style="text-align: center; margin-top: 5px;"><i>Is equal to</i></p>	<p>Show your thinking using numbers and symbols</p> $2x + 3 \text{ when } x = 5$ $2(\underline{5}) + 3$ $\underline{10} + 3$ $\underline{13}$
<p>Tell the value of the 2 x's</p> $x + x = 2x = 2(\underline{5}) = \underline{10}$	
<p>Draw the x^2 as a 3 by 3 array of plus signs to evaluate $x^2 + 5$ when $x = 3$.</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: 5px; display: inline-block;">+x²</div> <div style="text-align: center;">+ + + + +</div> </div> <div style="border-left: 3px double black; height: 100px; margin: 0 10px;"></div> <div style="text-align: center;"> + + + + + + + + + </div> <div style="text-align: center;">+ + + + +</div> </div> <p style="text-align: center; margin-top: 5px;"><i>Is equal to</i></p>	<p>Show your thinking using numbers and symbols</p> $x^2 + 5 \text{ when } x = 3$ $(\underline{3})^2 + 5$ $\underline{3} \cdot \underline{3} + 5$ $\underline{9} + 5$ $\underline{14}$
<p>Tell the value of x^2</p> $x^2 = x \cdot x = \underline{3} \cdot \underline{3} = \underline{9}$	

Learning Target: I will simplify algebraic expressions

 7th Grade - Readiness Standard 5 - 6.EE.4 - Form A

1. We Do Together: Say, identify, draw, and write.

<p>Say what you see</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+x</div> + + + + + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+x</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+x</div> </div>	<p>Draw the equivalent simplified algebraic expression</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> </div>
<p>Identify the like terms</p> $\underline{x} + 5 + \underline{3x}$	<p>Write the equivalent simplified algebraic expression</p> $4x + 5$

2. Reflect: What questions do you have about simplifying algebraic expressions?

3. You Do Together: Say, identify, draw, and write.

<p>Say what you see</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+x²</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+</div> </div>	<p>Draw the equivalent simplified algebraic expression</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x²</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">x</div> </div>
<p>Identify the like terms</p> $\underline{x^2} + \underline{4x} + \underline{5} + \underline{x} - \underline{2}$	<p>Write the equivalent simplified algebraic expression</p> $x^2 + 5x + 3$
<p>Say what you see</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">+</div> </div>	<p>Draw the equivalent simplified algebraic expression</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> + <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">+</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">x</div> </div>
<p>Identify the like terms</p> $3(x + 2) + 2x + 4$ <p style="text-align: center;">or</p> $\underline{3x} + \underline{6} + \underline{2x} + \underline{4}$	<p>Write the equivalent simplified algebraic expression</p> $5x + 10$

Learning Target: I will solve 1-step equations

 7th Grade - Readiness Standard 6 - 6.EE.7 - Form A

1. We Do Together: Say, draw, and show.

<p>Say what you see</p> <p style="text-align: center;">Is equal to</p>	<p>Show your thinking using numbers and symbols</p> $\begin{array}{r} x + 3 = 12 \\ - 3 \quad - 3 \\ \hline x = 9 \end{array}$
Draw <u>two</u> ways to find the value of x . (Algebra Tiles and Tape Diagrams)	

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

3. You Do Together: Say, draw, and show.

<p>Say what you see</p> <p style="text-align: center;">Is equal to</p>	<p>Show your thinking using numbers and symbols</p> $\begin{array}{l} \frac{10}{5} = \frac{5x}{5} \\ 2 = x \end{array}$
Draw <u>two</u> ways to find the value of x . (Algebra Tiles and Tape Diagrams)	
<p>Say what you see</p>	<p>Show your thinking using numbers and symbols</p> $\frac{5}{2} \cdot 8 = \frac{2}{5}x$
Draw to find the value of x . (Tape Diagrams)	
<p>Say what you see</p>	<p>Show your thinking using numbers and symbols</p> $\begin{array}{l} 3x = \frac{1}{2} \\ \frac{3}{3} \quad \frac{2}{3} \\ \hline x = \frac{1}{2} \cdot \frac{1}{3} = \frac{1}{6} \end{array}$
Draw to find the value of x . (Tape Diagrams)	