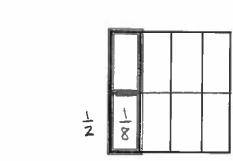
Learning Target: I will multiply and divide fractions

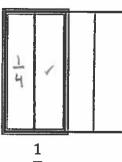
7th Grade - Readiness Standard 1 - 6.NS.1 - Form A

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



Draw 1-half of 1-fourth of the whole

Draw to find how many 1-fourths are in 1-half



Multiply to find the size of each fractional part

$$\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$$

Write the number of groups and think multiply to divide

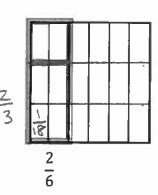
$$\frac{1}{2} \div \frac{1}{4} = 2$$

$$\frac{1}{2} \div \frac{1}{4} = 2$$
 $\frac{1}{2} \times \frac{4}{1} = \frac{4}{2} = \frac{\cancel{2} \cdot \cancel{2}}{\cancel{2} \cdot \cancel{1}} = 2$

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

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

Draw 2-thirds of 2-sixths of the whole



Draw to find how many 2-sixths are in 2-thirds



Multiply to find the size of each fractional part

$$\frac{2}{3} \times \frac{2}{6} = \frac{4}{18} = \frac{2 \cdot 2}{2 \cdot 9} = \frac{2}{9}$$

Write the number of groups and think multiply to divide

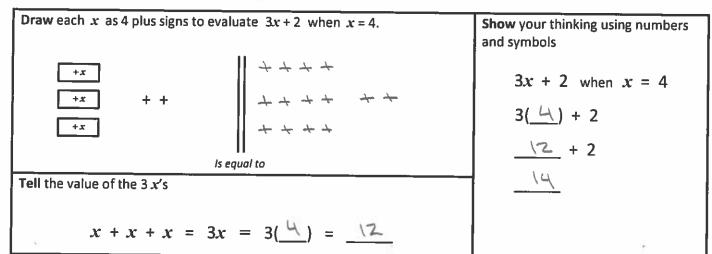
$$\frac{2}{3} \div \frac{2}{6} = 2$$

$$\frac{2}{3} \div \frac{2}{6} = 2$$
 $\frac{2}{3} \times \frac{6}{2} = \frac{12}{6} = \frac{2}{6} = 2$

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.



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

3. You Do Together: Draw, tell and show.

Draw each x as 5 plus signs to evaluate $2x + 4$ when $x = 5$.	Show your thinking using numbers and symbols $2x + 3 \text{when} x = 5$ $2(\underline{5}) + 3$
Is equal to Tell the value of the 2 x's	<u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>
x + x = 2x = 2(5) = 10	
Draw the x^2 as a 3 by 3 array of plus signs to evaluate $x^2 + 5$ when $x = 3$.	Show your thinking using numbers and symbols
	$x^2 + 5$ when $x = 3$
+ + + + + + + + + + + + + + + + + + + +	(<u>3</u>) ² + 5
+x² + + + + + + + + + + + + + + + + + +	

Learning Target: I will simplify algebraic expressions

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

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

Say what you see +x + +	Draw the equivalent simplified algebraic expression
Identify the like terms $\underline{x} + 5 + \underline{3x}$	Write the equivalent simplified algebraic expression

- 2. Reflect: What questions do you have about simplifying algebraic expressions?
- 3. You Do Together: Say, identify, draw, and write.

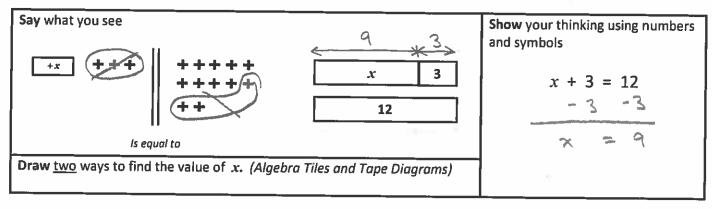
Say what you see	Draw the equivalent simplified algebraic expression
+x ² +x + +x	X
Identify the like terms	Write the equivalent simplified algebraic expression
$\frac{x^2 + 4x + 5 + x - 2}{2}$	x² + 5x + 3
Say what you see	Draw the equivalent simplified algebraic expression
+x ++ +x + +x ++ +x + +x ++ +x + +x ++ +	X + + + + + + + + + + + + + + + + + + +
Identify the like terms	Write the equivalent simplified algebraic expression
3(x+2) + 2x + 4	
or	5 x + 10
3x + 6 + 2x + 4	

Date

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.



- 2. Reflect: What questions do you have about solving 1-step equations?
- 3. You Do Together: Say, draw, and show.

