Name:	Date:	Unit 1 Class We
Opera	ations with Rational Numbers	Class Work
	, subtract, multiply, and divide ration ions) and model real world situation	
friend eats a third of the cand	a friend are sharing a candy bar. Yo dy bar. In total, how much do you a se to use the rectangle below to rep	nd your friend eat? Convince me
*What was important in solvi	ing this problem?	
A Name Consideration Colo		
and Mary eats 2/3 of the cand	die and Mary are sharing a candy ba dy bar. Who ate less candy, and spe Il free to use the rectangle below to	cifically how much less? Convince
and Mary eats 2/3 of the cand	dy bar. Who ate less candy, and spe	cifically how much less? Convince
and Mary eats 2/3 of the cand	dy bar. Who ate less candy, and spe	cifically how much less? Convince
and Mary eats 2/3 of the canc me that you are correct! Fee	dy bar. Who ate less candy, and spe I free to use the rectangle below to	cifically how much less? Convince
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<i>∞</i> <u>A</u> 0	dding & Subtracting Fractions
★ Firs	st
★ The	en,
	Example: Simplify $\frac{3}{4} + \frac{1}{2} - \frac{1}{8}$
<i>№</i> Nov	w You Try Some! 1. Simplify each expression.
a. $\frac{3}{8}$	$+\frac{1}{2}$ b. $\frac{2}{5} + \frac{3}{10} - \frac{1}{2}$ c. $\frac{11}{12} - \frac{7}{8}$
VCONFORM OF THE PROPERTY OF TH	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
	Your goal is to complete 2½ miles of cardio at the gym today. If you ran for ¾ of a mile and two-thirds of a mile however miles of cardio do you need to complete?
b. You	u also completed half a mile on the elliptical! How much more do you have left now:

d. $\frac{1}{2} * \frac{2}{5} + \frac{3}{4} * \frac{2}{3}$ e.	-5/6	c. 1 <sup>11</sup> / <sub>13</sub> * <sup>2</sup> / <sub>3</sub>
Now You Try Some! 1. Simplifi a. $\frac{2}{3}*\frac{1}{9}$ b. d. $\frac{1}{2}*\frac{2}{5}+\frac{3}{4}*\frac{2}{3}$ e.	fy each expression.	c. 1 <sup>11</sup> / <sub>13</sub> * <sup>2</sup> / <sub>3</sub>
Now You Try Some! 1. Simplifi a. $\frac{2}{3}*\frac{1}{9}$ b. d. $\frac{1}{2}*\frac{2}{5}+\frac{3}{4}*\frac{2}{3}$ e.	fy each expression.	c. 1 <sup>11</sup> / <sub>13</sub> * <sup>2</sup> / <sub>3</sub>
a. $\frac{2}{3} * \frac{1}{9}$ b. d. $\frac{1}{2} * \frac{2}{5} + \frac{3}{4} * \frac{2}{3}$ e.		c. $1^{11}/_{13}*^2/_3$
d. $\frac{1}{2} * \frac{2}{5} + \frac{3}{4} * \frac{2}{3}$ e.	$\frac{1}{2} * \frac{2}{7} * - \frac{1}{5}$	c. 1 <sup>1</sup> / <sub>13</sub> * <sup>2</sup> / <sub>3</sub>
	bc	f. $fd + \frac{1}{2} * \frac{1}{4}$
-	$=2\frac{2}{7},c=\frac{1}{2}$	$d = -\frac{1}{2}, f = \frac{5}{8}$
<ol> <li>Sasha runs ¾ of a mile every nine m maintains a steady pace? Explain.</li> </ol>	ninutes. How far can Sasha	ı run in 36 minutes, assuming sh
3. A recipe for cheesecake requires 23 four cheesecakes to donate to a coup need? Justify your response.		

Example: Sim	plify $\frac{9}{10} \div \frac{1}{2}$	
Now You Try Some!	3. Simplify each expression.	
a. $\frac{3}{4} \div \frac{1}{7}$	b. $\frac{8}{9} \div 2$	c. $3 \div \frac{2}{5}$
d. $\frac{\frac{4}{5}}{8}$	e. 2 ½ ÷ ¾	f. $\frac{6}{7} \div \frac{1}{4}$

4. A pancake recipe for 24 pancakes requires 1 % cup of flour. You only want to make 8 pancakes. How much flour should you use? Justify your response.

Name:	Date:	Unit 1 Class Wo
Exit Problems Day	1:	
1/2 + 3/4 =	$\frac{5}{6} - \frac{1}{7} = $	-
	ou are still wondering about r you worked with today?	egarding the
Fxit Problems Day	2:	
Exit Problems Day  1/2 * 3/4 =	2: $\frac{3}{5} \div \frac{2}{7} = $	-
$\frac{1}{2} * \frac{3}{4} = $ Is there anything yo		