## Fractions

## Homework-5

Name: \_\_\_\_\_

Concepts covered in class: How to add and subtract fractions with unlike denominators using the Fundamental Fact about Equivalent Fractions (FFEF). Multiplication of a fraction by a whole number.

1. For each given fraction, write an equivalent fraction whose denominator is given to you. Fill in the blank with a whole number. Remember your new friend **FFEF**!

(A) 
$$\frac{3}{10} = -\frac{100}{100}$$
 (B)  $\frac{17}{10} = -\frac{100}{100}$ 

2. Add the fractions. Remember to use FFEF as needed so that the fractions you want to add have the same denominator. Show all steps. Use equal signs as discussed in class.

(A) 
$$\frac{3}{10} + \frac{7}{100}$$
 (B)  $\frac{56}{100} + \frac{3}{10}$ 

(C) 
$$\frac{5}{10} + \frac{7}{10} + \frac{9}{100}$$

3. Multiply. Use equal signs as discussed in class.

(A) 
$$7 \times \frac{1}{12}$$
 (B)  $11 \times \frac{2}{7}$   
(C)  $3 \times \frac{2}{5}$  (D)  $3 \times \frac{3}{10}$ 

4. Circl	e all expressions that	at are greater than 1.		
	$7  imes rac{1}{3}$	$2 \times \frac{5}{10}$	$99 \times \frac{1}{100}$	$2 \times \frac{7}{12}$
5. Emm	na practices piano fo	or exactly $\frac{1}{4}$ hour each	day for 8 days.	
How ma	any total hours of pi	ano practice did Emm	na put in for those 8 da	ays?

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