# Fractions 

## Homework-5

Name: $\qquad$

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

$$
\frac{17}{10}=\frac{}{100}
$$

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. Circle all expressions that are greater than 1.
$7 \times \frac{1}{3}$
$2 \times \frac{5}{10}$
$99 \times \frac{1}{100}$
$2 \times \frac{7}{12}$
5. Emma practices piano for exactly $\frac{1}{4}$ hour each day for 8 days.

How many total hours of piano practice did Emma put in for those 8 days?

