Fractions

Homework-7 **Name:** _____

Concepts covered in class: Subtraction of mixed numbers, multiplying a mixed number by a whole number and finite decimal notation

1. Subtract the mixed numbers. Use equality signs in your work as discussed in class.

(A) $18\frac{7}{9} - 2\frac{5}{9}$

(B) $18\frac{5}{9} - 2\frac{7}{9}$

2. Rachel had a ribbon that was $18\frac{7}{12}$ inches long. She cut off a $2\frac{1}{12}$ inch piece from it. How long is the ribbon now?

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

(A) $3 \times 8\frac{1}{6}$

(B) $4 \times 5\frac{3}{10}$

4. Express each decimal fraction as a finite decimal.

$\frac{3}{10} =$ $\frac{39}{10} =$ $\frac{397}{10} =$

$\frac{7}{100} =$ $\frac{75}{100} =$ $\frac{759}{100} =$

$\frac{1}{10} =$ $\frac{3456}{100} =$ $\frac{79453}{10} =$

5. Below is a picture of the number line. On the number line, label each of the thickened points by a a finite decimal.