Class notes:
On the number line (see attached .jpeg image on korematsumathmrlee.weebly.com), complete it using the appropriate fractions. Then cut out the number line and keep it in your binder as a tool for this unit.

Classwork
Example problems:

$\frac{4}{10} + \frac{5}{10} =?$

Starting point: _____

Face the <u>left</u> or <u>right</u> from the starting point on the number line.

Move <u>forward</u> or <u>backward</u>

_____ steps

Where do you end up at? _____

So $\frac{4}{10} + \frac{5}{10} =$ _____ .

$1\frac{3}{10} + \frac{5}{10} =?$

*What does $1\frac{3}{10}$ equal to as an improper fraction? _____

Rewrite the equation here:

Starting point: _____

Face the <u>left</u> or <u>right</u> from the starting point on the number line.

Move <u>forward</u> or <u>backward</u>

_____ steps

Where do you end up at? _____

So $1\frac{3}{10} + \frac{5}{10} =$ _____ .

$1\frac{3}{10} + \frac{3}{5} = ?$

*What does $\frac{3}{5}$ equal to as a fraction with a denominator of 10? _____

Rewrite the equation here:

Starting point: _____

Face the <u>left</u> or <u>right</u> from the starting point on the number line.

Move <u>forward</u> or <u>backward</u>

_____ steps

Where do you end up at? _____

So $1\frac{3}{10} + \frac{3}{5} =$ _____ .

$\frac{-3}{10} + \frac{4}{5} = ?$

*What does $\frac{4}{5}$ equal to as a fraction with a denominator of 10? _____

Rewrite the equation here:

Starting point: _____

Face the <u>left</u> or <u>right</u> from the starting point on the number line.

Move <u>forward</u> or <u>backward</u>

_____ steps

Where do you end up at? _____

So $\frac{-3}{10} + \frac{4}{5} =$ _____ .

Practice problem set:
Page 52 # 1, 2, 3 (In class)

Homework
Page 54 # 4, 5, 7, 8
Additional homework problems:

a) $\frac{-8}{3} + \frac{5}{6}$

b) $\frac{1}{4} + \frac{5}{4}$

c) $\frac{2}{10} + 5\frac{7}{10}$

d) $\frac{12}{7} + \frac{15}{7}$

Warm-up

1) Turn in your homework into the folder.

2) Take out your textbook, and leave it on your desk.

3) On a separate sheet of paper, label "Classwork 11: Adding fractions (with a numberline)." Copy the notes on the board AFTER you are done with the problems below.

4) Write down your homework assignment for tonight.

5) Solve each of the equation. SHOW YOUR WORK!

a) $(3)(5) \div (-5)(-3) =$ _____

b) (-15) - 4 = _____

c) 4 - (-4) = _____

Exit Ticket

1) $\frac{5}{10} + \frac{-7}{10} =$ _____ .

Use your number line as needed.

2) -12 - (-4) = _____