6th Grade Fall Guided Review

Readiness Standard 4 - 5.NF.1

Name_____ Date_____

Learning Target: I will add and subtract mixed numbers with different denominators.

1.

Add:

$$2\frac{3}{4}$$
$$+\ 1\frac{3}{5}$$
$$\overline{\phantom{+\ 1\frac{3}{5}}}$$

○ $3\frac{6}{9}$ ○ $3\frac{6}{20}$ ○ $3\frac{7}{20}$ ○ $4\frac{7}{20}$

2.

Subtract:

$$7$$
$$-\ 2\frac{3}{5}$$
$$\overline{\phantom{-\ 2\frac{3}{5}}}$$

○ $4\frac{2}{5}$ ○ $4\frac{3}{5}$ ○ $5\frac{2}{5}$ ○ $5\frac{3}{5}$

3.

Subtract:

$$8\frac{2}{5}$$

$$-3\frac{1}{2}$$

○ $4\frac{1}{10}$ ○ $4\frac{9}{10}$ ○ $5\frac{1}{10}$ ○ $5\frac{9}{10}$

Quick Check - Form A

6th Grade - Readiness Standard 4 - 5.NF.1

Name_____ Date_____

Learning Target: I will add and subtract mixed numbers with different denominators.

Directions: Write the answer to each problem. (Work time: 4 minutes)

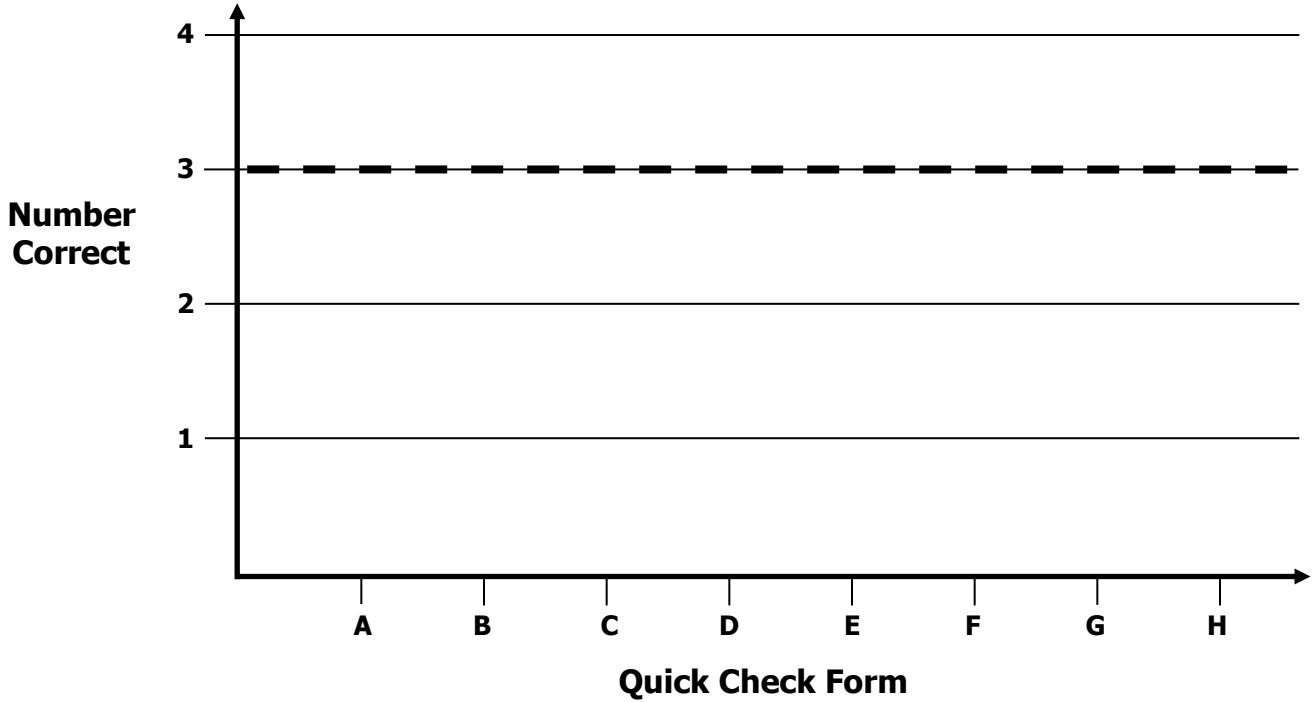|	
1. $4\,\dfrac{1}{6}$ $+\,3\,\dfrac{2}{3}$ _____	**2.** $2\,\dfrac{2}{5}$ $+\,6\,\dfrac{2}{3}$ _____
3. $5\,\dfrac{3}{4}$ $-\,2\,\dfrac{1}{3}$ _____	**4.** $7\,\dfrac{1}{10}$ $-\,5\,\dfrac{5}{6}$ _____

Growth Chart

6th Grade - Readiness Standard 4 - 5.NF.1

Name_____ Date_____

Learning Target: I will add and subtract mixed numbers with different denominators.

Goal: 3 out of 4 correct

Intervention	Date	Score
Session 1:		
Session 2:		
Session 3:		
Session 4:		
Session 5:		
Session 6:		
Session 7:		
Session 8:		

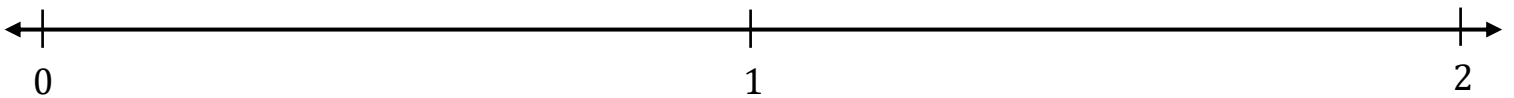**Name** _____ **Date** _____

Learning Target: I will add and subtract mixed numbers with different denominators
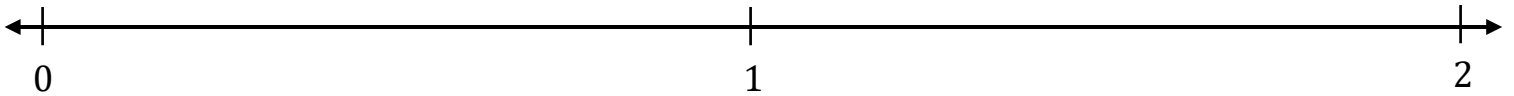
Session 2: Guided Practice (We Do)

We Do Together: (Teacher Actions)

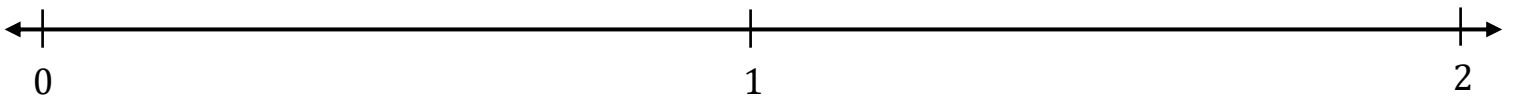➢ Use fraction strips and number lines to add or subtract.

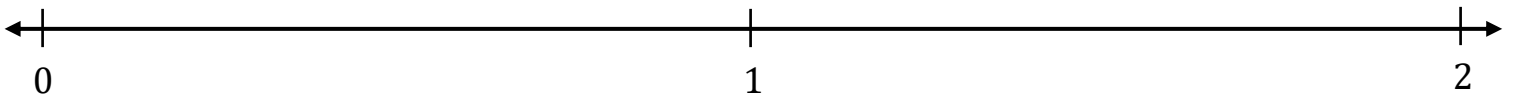**1.** $\dfrac{2}{3} + \dfrac{5}{6} =$ _____

```
|←——————————————|————————————————→|
0                1                 2
```

2. $1\dfrac{1}{4} - \dfrac{3}{8} =$ _____

```
|←——————————————|————————————————→|
0                1                 2
```

3. $\dfrac{2}{3} + \dfrac{1}{2} =$ _____

```
|←——————————————|————————————————→|
0                1                 2
```

4. $1\dfrac{3}{4} - \dfrac{2}{3} =$ _____

```
|←——————————————|————————————————→|
0                1                 2
```
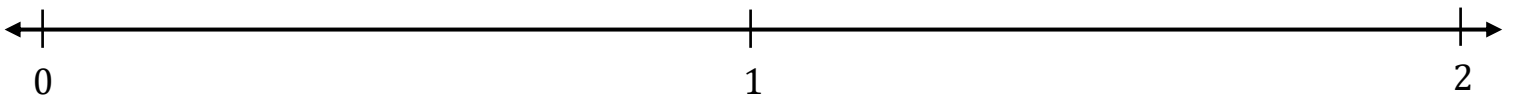
Learning Target: I will add and subtract mixed numbers with different denominators

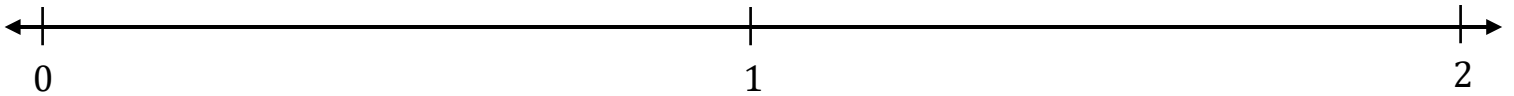# Session 2: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

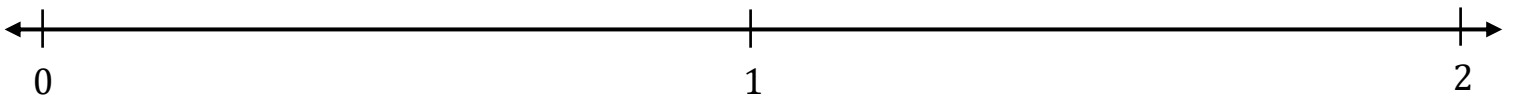➢ Students take turns leading using fraction strips and number lines to add or subtract.

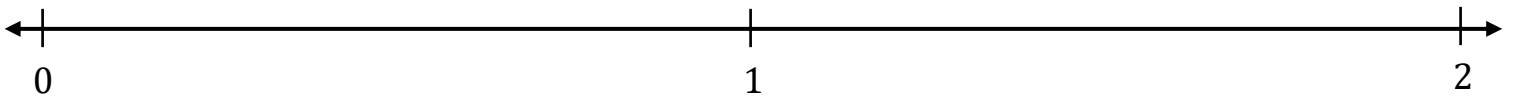**5.** $\dfrac{3}{4}$ + $\dfrac{5}{8}$ = _____

```
|←————————————————|————————————————→|
0                 1                 2
```

6. $1\dfrac{1}{2}$ − $\dfrac{5}{8}$ = _____

```
|←————————————————|————————————————→|
0                 1                 2
```

7. $\dfrac{2}{3}$ + $\dfrac{3}{4}$ = _____

```
|←————————————————|————————————————→|
0                 1                 2
```

8. $1\dfrac{1}{2}$ − $\dfrac{2}{3}$ = _____

```
|←————————————————|————————————————→|
0                 1                 2
```

Quick Check - Form B

6th Grade - Readiness Standard 4 - 5.NF.1

Name_____ Date_____

Learning Target: I will add and subtract mixed numbers with different denominators.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1.	2.
$2\frac{1}{4}$ $+\,3\frac{1}{3}$ _____	$4\frac{2}{3}$ $+\,2\frac{5}{6}$ _____
3.	4.
$8\frac{3}{5}$ $-\,5\frac{1}{4}$ _____	$6\frac{1}{3}$ $-\,4\frac{1}{2}$ _____

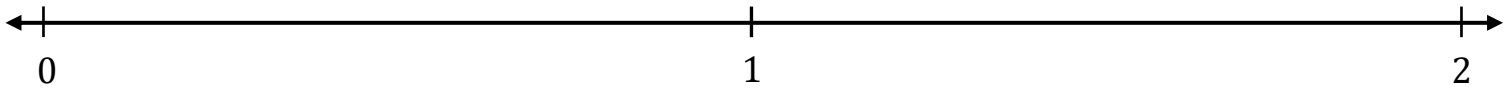**Learning Target:** I will add and subtract mixed numbers with different denominators

Session 3: Guided Practice (We Do)

We Do Together: (Teacher Actions)

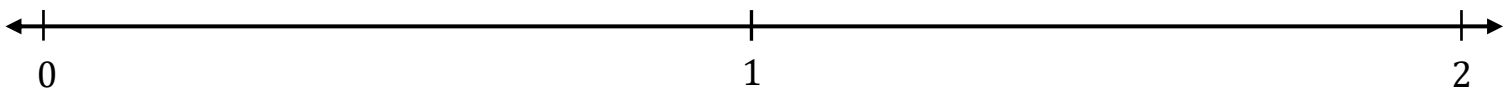Use common denominators on number lines to add or subtract fractions.

1.

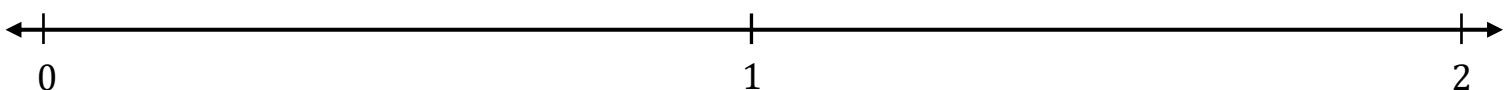$$\begin{array}{r} \frac{2}{3} \\ + \frac{5}{6} \\ \hline \end{array}$$

```
◄——+————————————————+————————————————+——►
    0                1                2
```

2.

$$\begin{array}{r} 1\frac{1}{4} \\ - \frac{3}{8} \\ \hline \end{array}$$

```
◄——+————————————————+————————————————+——►
    0                1                2
```

3.

$$\begin{array}{r} 1\frac{1}{4} \\ - \frac{2}{3} \\ \hline \end{array}$$

```
◄——+————————————————+————————————————+——►
    0                1                2
```

Learning Target: I will add and subtract mixed numbers with different denominators
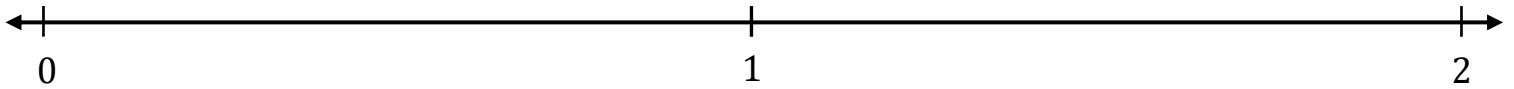
Session 3: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

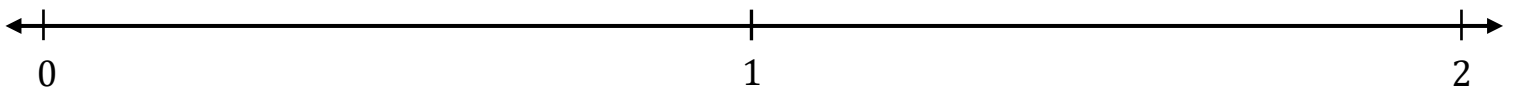➢ Students take turns leading using common denominators on number lines to add or subtract.

4.

$$\frac{3}{4}$$
$$+ \frac{5}{8}$$
_____

```
+--+------------------+------------------+--->
0                     1                  2
```

5.

$$1\frac{2}{3}$$
$$- \frac{5}{6}$$
_____

```
+--+------------------+------------------+--->
0                     1                  2
```

6.

$$1\frac{1}{2}$$
$$- \frac{2}{3}$$
_____

```
+--+------------------+------------------+--->
0                     1                  2
```

Quick Check - Form C

6th Grade - Readiness Standard 4 - 5.NF.1

Name_____ Date_____

Learning Target: I will add and subtract mixed numbers with different denominators.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1. $5\frac{1}{2}$ $+\,3\frac{1}{4}$ _____	**2.** $7\frac{1}{6}$ $+\,4\frac{8}{9}$ _____
3. $6\frac{4}{5}$ $-\,1\frac{1}{3}$ _____	**4.** $8\frac{3}{5}$ $-\,3\frac{3}{4}$ _____

Learning Target: I will add and subtract mixed numbers with different denominators

Session 4: Guided Practice (We Do)

We Do Together: (Teacher Actions)

➤ Use your understanding of whole numbers and fractional parts to add or subtract.

1.	2.
$1 \dfrac{9}{10}$ $+\, 2 \dfrac{3}{5}$ _____	$4 \dfrac{1}{4}$ $+\, 1 \dfrac{5}{6}$ _____
3.	4.
$4 \dfrac{3}{8}$ $-\, 2 \dfrac{3}{5}$ _____	$10 \dfrac{1}{2}$ $-\, 5 \dfrac{7}{8}$ _____

Learning Target: I will add and subtract mixed numbers with different denominators

Session 4: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

➢ Take turns leading to use your understanding of whole numbers and fractional parts to add or subtract.

5. $$3\frac{5}{7}$$ $$+\,2\frac{3}{4}$$ _____	**6.** $$5\frac{2}{3}$$ $$+\,3\frac{3}{5}$$ _____
7. $$8\frac{1}{6}$$ $$-\,2\frac{4}{5}$$ _____	**8.** $$6\frac{2}{5}$$ $$-\,3\frac{5}{6}$$ _____

Quick Check - Form D

6th Grade - Readiness Standard 4 - 5.NF.1

Name_____ Date_____

Learning Target: I will add and subtract mixed numbers with different denominators.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1. $$4 \frac{1}{2}$$ $$+ 3 \frac{1}{4}$$ _____	**2.** $$3 \frac{4}{7}$$ $$+ 2 \frac{4}{5}$$ _____
3. $$8 \frac{6}{7}$$ $$- 2 \frac{1}{5}$$ _____	**4.** $$6 \frac{2}{5}$$ $$- 4 \frac{2}{3}$$ _____

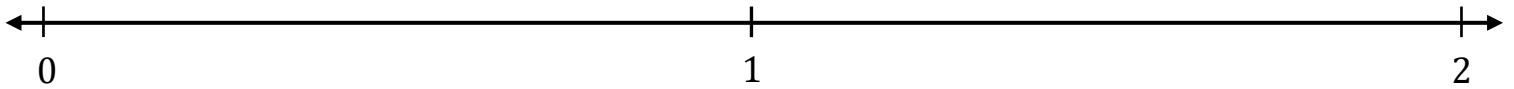**Learning Target:** I will add and subtract mixed numbers with different denominators

Session 5: Guided Practice (We Do)

We Do Together: (Teacher Actions)

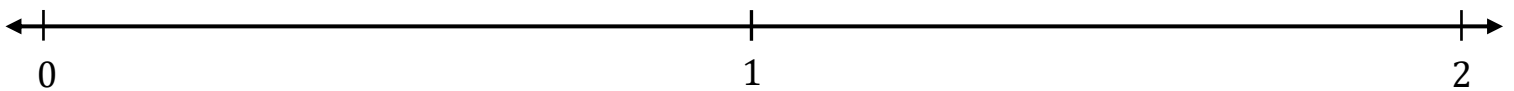Use common denominators on number lines to add or subtract fractions.

1.

$$\frac{2}{3}$$
$$+ \frac{4}{6}$$
_____

```
<---+-------------------------+-------------------------+--->
    0                         1                         2
```

2.

$$1\frac{1}{8}$$
$$- \frac{3}{4}$$
_____

```
<---+-------------------------+-------------------------+--->
    0                         1                         2
```

3.

$$1\frac{1}{3}$$
$$- \frac{3}{4}$$
_____

```
<---+-------------------------+-------------------------+--->
    0                         1                         2
```

Learning Target: I will add and subtract mixed numbers with different denominators
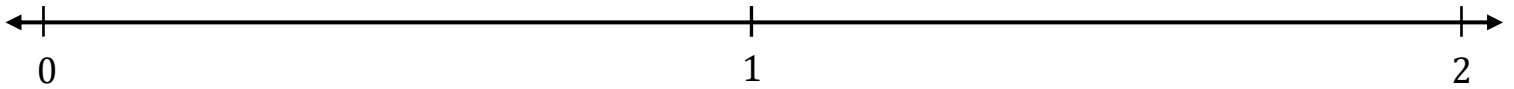
Session 5: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

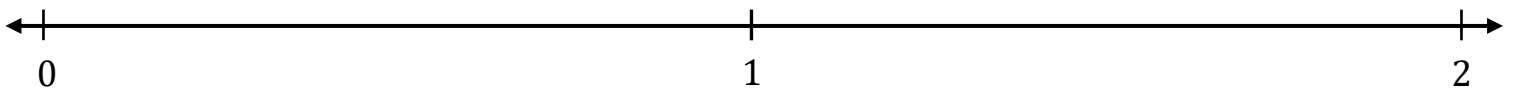➢ Students take turns leading using common denominators on number lines to add or subtract.

4.
$$\frac{3}{4}$$
$$+ \frac{7}{8}$$
_____

```
+----------------+----------------+
0                1                2
```

5.
$$1\frac{1}{6}$$
$$- \frac{2}{3}$$
_____

```
+----------------+----------------+
0                1                2
```

6.
$$1\frac{1}{4}$$
$$- \frac{2}{3}$$
_____

```
+----------------+----------------+
0                1                2
```

Quick Check - Form E

6th Grade - Readiness Standard 4 - 5.NF.1

Name_____ Date_____

Learning Target: I will add and subtract mixed numbers with different denominators.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1.

$$4 \frac{1}{6}$$
$$+ 3 \frac{2}{3}$$
_____

2.

$$2 \frac{2}{5}$$
$$+ 6 \frac{2}{3}$$
_____

3.

$$5 \frac{3}{4}$$
$$- 2 \frac{1}{3}$$
_____

4.

$$7 \frac{1}{10}$$
$$- 5 \frac{5}{6}$$
_____

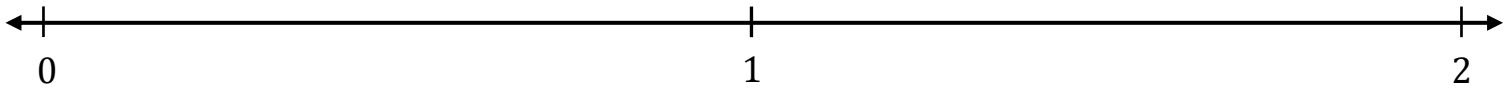**Learning Target:** I will add and subtract mixed numbers with different denominators

Session 6: Guided Practice (We Do)

We Do Together: (Teacher Actions)

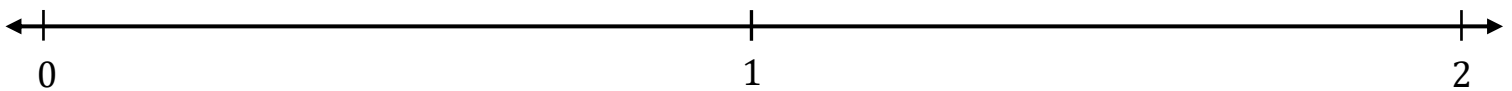Use common denominators on number lines to add or subtract fractions.

1.

$$\frac{1}{2}$$
$$+ \frac{3}{4}$$
_____

```
<---+----------------------+----------------------+--->
    0                      1                      2
```

2.

$$1 \frac{2}{3}$$
$$- \frac{5}{6}$$
_____

```
<---+----------------------+----------------------+--->
    0                      1                      2
```

3.

$$1 \frac{1}{3}$$
$$- \frac{1}{2}$$
_____

```
<---+----------------------+----------------------+--->
    0                      1                      2
```

Name _____ Date _____

Learning Target: I will add and subtract mixed numbers with different denominators

Session 6: Guided Practice (We Do - Continued)

You Do Together: (As a class, or in small groups)

➢ Students take turns leading using common denominators on number lines to add or subtract.

4.

$$\frac{3}{8}$$
$$+ \frac{3}{4}$$
_____

0   1   2

5.

$$1\frac{1}{3}$$
$$- \frac{4}{6}$$
_____

0   1   2

6.

$$1\frac{1}{6}$$
$$- \frac{1}{4}$$
_____

0   1   2

Quick Check - Form F

6th Grade - Readiness Standard 4 - 5.NF.1

Name_____ Date_____

Learning Target: I will add and subtract mixed numbers with different denominators.

Directions: Write the answer to each problem. (Work time: 4 minutes)
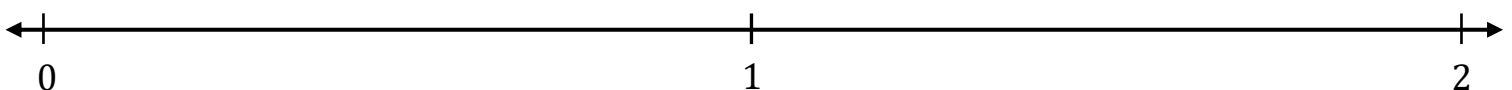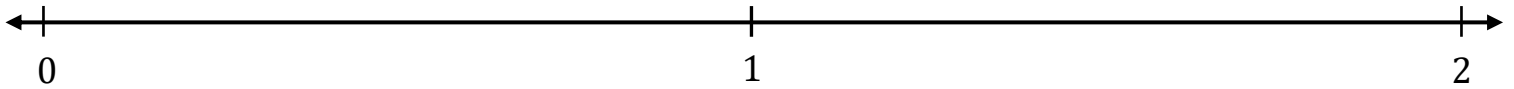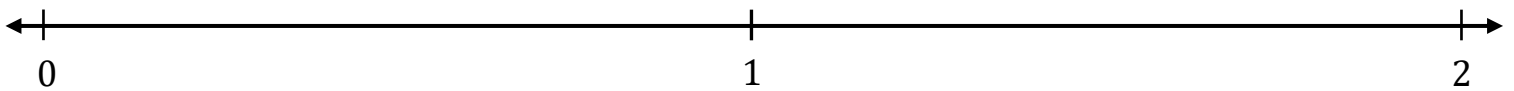
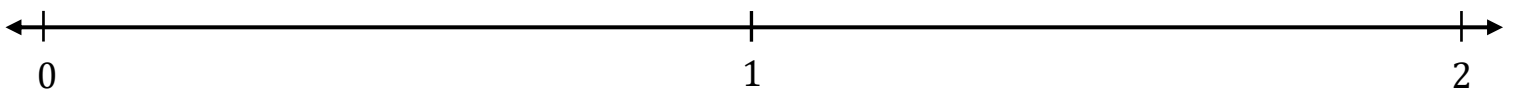|	
1. $\begin{array}{r} 2\frac{1}{4} \\ +\ 3\frac{1}{3} \\ \hline \end{array}$	**2.** $\begin{array}{r} 4\frac{2}{3} \\ +\ 2\frac{5}{6} \\ \hline \end{array}$
3. $\begin{array}{r} 8\frac{3}{5} \\ -\ 5\frac{1}{4} \\ \hline \end{array}$	**4.** $\begin{array}{r} 6\frac{1}{3} \\ -\ 4\frac{1}{2} \\ \hline \end{array}$

Learning Target: I will add and subtract mixed numbers with different denominators

Session 7: Guided Practice (We Do)

We Do Together: (Teacher Actions)

➢   Use your understanding of whole numbers and fractional parts to add or subtract.

1.	2.
$1 \frac{7}{10}$ $+\ 3 \ \frac{4}{5}$ ————	$5 \frac{3}{4}$ $+\ 2 \ \frac{5}{6}$ ————
3.	4.
$6 \frac{5}{8}$ $-\ 4 \ \frac{3}{5}$ ————	$8 \frac{1}{2}$ $-\ 3 \ \frac{5}{8}$ ————

Learning Target: I will add and subtract mixed numbers with different denominators

Session 7: **Guided Practice** (We Do - Continued)

You Do Together: (As a class, or in small groups)

➢ Take turns leading to use your understanding of whole numbers and fractional parts to add or subtract.

5.	6.
$4 \frac{6}{7}$ $+ 2 \frac{3}{4}$ _____	$6 \frac{2}{3}$ $+ 3 \frac{4}{5}$ _____
7.	8.
$7 \frac{1}{5}$ $- 4 \frac{5}{6}$ _____	$5 \frac{3}{5}$ $- 1 \frac{7}{9}$ _____

Name_____ Date_____

Learning Target: I will add and subtract mixed numbers with different denominators.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1. $5\dfrac{1}{2}$ $+\,3\dfrac{1}{4}$ _____	**2.** $7\dfrac{1}{6}$ $+\,4\dfrac{8}{9}$ _____
3. $6\dfrac{4}{5}$ $-\,1\dfrac{1}{3}$ _____	**4.** $8\dfrac{3}{5}$ $-\,3\dfrac{3}{4}$ _____

Learning Target: I will add and subtract mixed numbers with different denominators

Session 8: Guided Practice (We Do)

We Do Together: (Teacher Actions)

> Use your understanding of whole numbers and fractional parts to add or subtract.

1.	2.
$3 \frac{9}{10}$ $+ 4 \frac{1}{2}$	$4 \frac{1}{5}$ $+ 1 \frac{5}{6}$
3.	4.
$4 \frac{3}{8}$ $- 2 \frac{5}{6}$	$10 \frac{1}{3}$ $- 5 \frac{7}{9}$

Learning Target: I will add and subtract mixed numbers with different denominators

Session 8: **Guided Practice** (We Do - Continued)

You Do Together: (As a class, or in small groups)

➢ Take turns leading to use your understanding of whole numbers and fractional parts to add or subtract.

5. $3\frac{5}{7}$ $+\,2\frac{3}{5}$ _____	**6.** $5\frac{4}{7}$ $+\,3\frac{5}{8}$ _____
7. $8\frac{1}{2}$ $-\,2\frac{7}{8}$ _____	**8.** $6\frac{3}{5}$ $-\,3\frac{2}{3}$ _____

Quick Check - Form H

6th Grade - Readiness Standard 4 - 5.NF.1

Name_____ Date_____

Learning Target: I will add and subtract mixed numbers with different denominators.

Directions: Write the answer to each problem. (Work time: 4 minutes)

1. $\quad 4\dfrac{1}{2}$ $+\ 3\ \dfrac{1}{4}$ _____	**2.** $\quad 3\dfrac{4}{7}$ $+\ 2\ \dfrac{4}{5}$ _____
3. $\quad 8\dfrac{6}{7}$ $-\ 2\ \dfrac{1}{5}$ _____	**4.** $\quad 6\dfrac{2}{5}$ $-\ 4\ \dfrac{2}{3}$ _____