Name:_____

College:_____

4th Grade Math

Week of 4/19 - 4/23

Spelman College®

1867 HOWARD UNIVERSITY

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Monday

Date: April 19

Learning Target: I can decompose and compose fractions greater than 1 to express them in various forms.

Standards: 4.NF.3.b 4.NF.3.c 4.NF.4.a

M5L24

Fluency Practice

A

Number Correct: _____

Subtract Fractions

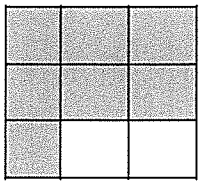
1.	$2-1=$	
2.	$\frac{2}{2}-\frac{1}{2}=$	
3.	$1-\frac{1}{2}=$	
4.	$3-1=$	
5.	$\frac{3}{3}-\frac{1}{3}=$	
6.	$1-\frac{1}{3}=$	
7.	$8-1=$	
8.	$\frac{8}{8}-\frac{1}{8}=$	
9.	$1-\frac{1}{8}=$	
10.	$5-1=$	
11.	$\frac{5}{5}-\frac{1}{5}=$	
12.	$1-\frac{1}{5}=$	
13.	$1-\frac{2}{5}=$	
14.	$1-\frac{4}{5}=$	
15.	$1-\frac{3}{5}=$	
16.	$1-\frac{1}{4}=$	
17.	$1-\frac{3}{4}=$	
18.	$1-\frac{1}{10}=$	
19.	$1-\frac{9}{10}=$	
20.	$1-\frac{3}{10}=$	
21.	$1-\frac{7}{10}=$	
22.	$4-2=$	

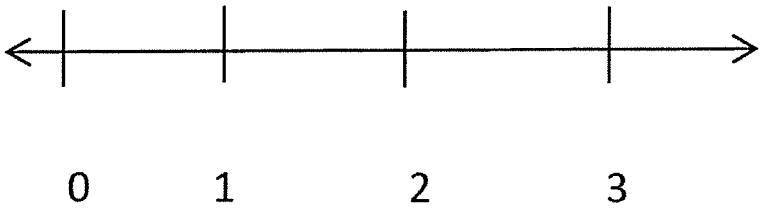
23.	$\frac{4}{3}-\frac{2}{3}=$	
24.	$1\frac{1}{3}-\frac{2}{3}=$	
25.	$1\frac{2}{3}-\frac{1}{3}=$	
26.	$7-4=$	
27.	$\frac{7}{5}-\frac{4}{5}=$	
28.	$1\frac{2}{5}-\frac{4}{5}=$	
29.	$1\frac{4}{5}-\frac{2}{5}=$	
30.	$5-3=$	
31.	$\frac{5}{4}-\frac{3}{4}=$	
32.	$1\frac{1}{4}-\frac{3}{4}=$	
33.	$1\frac{3}{4}-\frac{1}{4}=$	
34.	$1-\frac{3}{8}=$	
35.	$1-\frac{7}{8}=$	
36.	$1\frac{7}{8}-\frac{3}{8}=$	
37.	$1\frac{3}{8}-\frac{7}{8}=$	
38.	$1-\frac{1}{6}=$	
39.	$1-\frac{5}{6}=$	
40.	$1\frac{5}{6}-\frac{1}{6}=$	
41.	$1\frac{1}{6}-\frac{5}{6}=$	
42.	$1-\frac{5}{12}=$	
43.	$1\frac{1}{12}-\frac{7}{12}=$	
44.	$1\frac{4}{15}-\frac{13}{15}=$	

Concept Development

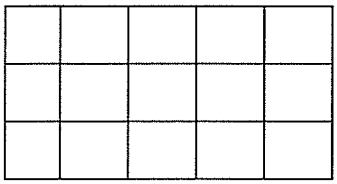
Rename fractions as mixed numbers.

$\frac{7}{3}$

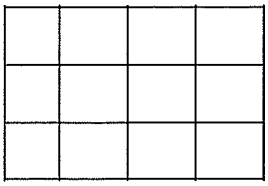


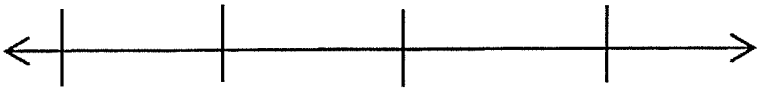


$\frac{13}{5}$



$\frac{10}{4}$

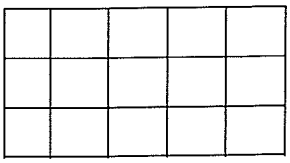


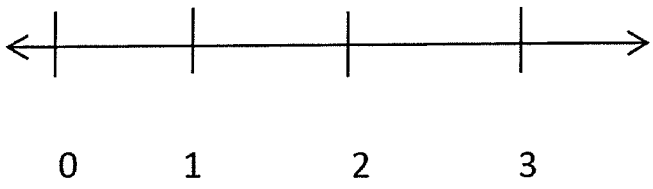


Let's Work Together!

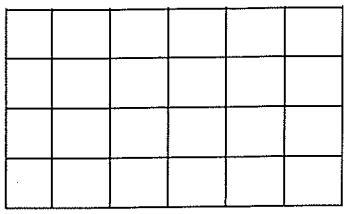
Rename fractions as mixed numbers.

$\frac{12}{5}$

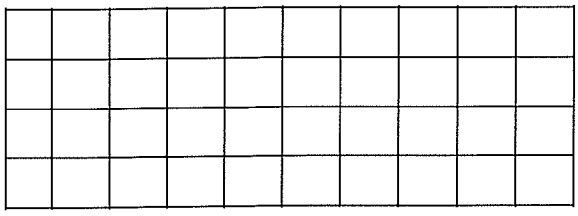




$\frac{20}{6}$



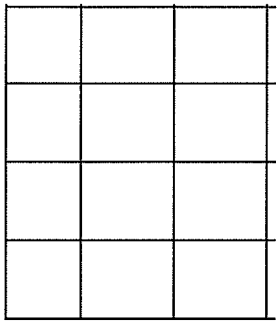
$\frac{35}{10}$



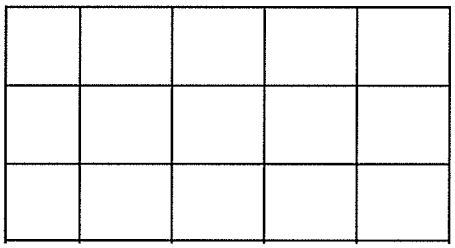
You Try!

1. Convert each fraction to a mixed number.

a. $\frac{11}{3}$



b. $\frac{12}{5}$



c. $\frac{13}{2}$

d. $\frac{15}{4}$

e. $\frac{9}{2}$

f. $\frac{17}{4}$

You Try!

2. Convert each fraction to a mixed number.

a. $\frac{9}{4}$ =	b. $\frac{17}{5}$ =	c. $\frac{25}{6}$ =
d. $\frac{30}{7}$ =	e. $\frac{38}{8}$ =	f. $\frac{48}{9}$ =
g. $\frac{63}{10}$ =	h. $\frac{84}{10}$ =	i. $\frac{37}{12}$ =

EXIT TICKET

Name:_____ **Date:**_____
BCCSG **Howard / Spelman**

Learning Target: I can decompose and compose fractions greater than 1 to express them in various forms.
Standards: 4.NF.3.b 4.NF.3.c 4.NF.4.a

M5L24

Directions: Answer the questions below. Make sure you show work for every question. Record your answer on Google Classroom.

Convert the fraction to a mixed number.

a. $\frac{17}{5}$

b. $\frac{19}{3}$

c. $\frac{11}{4}$

Grade:

Tuesday

Date: April 20

Learning Target: I can decompose and compose fractions greater than 1 to express them in various forms.

Standards: 4.NF.3.b 4.NF.3.c

M5L25

Fluency Practice

B

Number Correct: _____

Improvement: _____

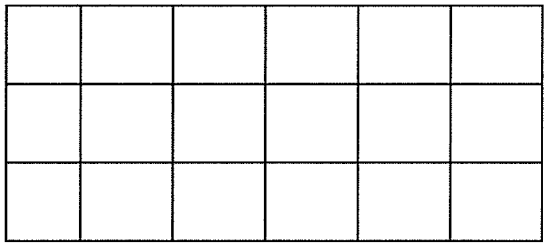
Subtract Fractions

1.	$3-1=$	
2.	$\frac{3}{3}-\frac{1}{3}=$	
3.	$1-\frac{1}{3}=$	
4.	$2-1=$	
5.	$\frac{2}{2}-\frac{1}{2}=$	
6.	$1-\frac{1}{2}=$	
7.	$6-1=$	
8.	$\frac{6}{6}-\frac{1}{6}=$	
9.	$1-\frac{1}{6}=$	
10.	$10-1=$	
11.	$\frac{10}{10}-\frac{1}{10}=$	
12.	$1-\frac{1}{10}=$	
13.	$1-\frac{2}{10}=$	
14.	$1-\frac{4}{10}=$	
15.	$1-\frac{3}{10}=$	
16.	$1-\frac{1}{5}=$	
17.	$1-\frac{4}{5}=$	
18.	$1-\frac{1}{8}=$	
19.	$1-\frac{7}{8}=$	
20.	$1-\frac{3}{8}=$	
21.	$1-\frac{5}{8}=$	
22.	$5-3=$	

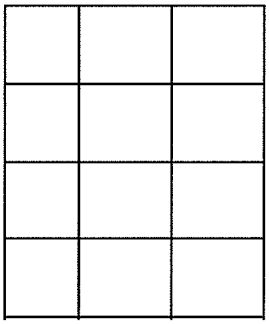
23.	$\frac{5}{4}-\frac{3}{4}=$	
24.	$1\frac{1}{4}-\frac{3}{4}=$	
25.	$1\frac{3}{4}-\frac{1}{4}=$	
26.	$8-4=$	
27.	$\frac{8}{5}-\frac{4}{5}=$	
28.	$1\frac{3}{5}-\frac{4}{5}=$	
29.	$1\frac{4}{5}-\frac{3}{5}=$	
30.	$7-5=$	
31.	$\frac{7}{6}-\frac{5}{6}=$	
32.	$1\frac{1}{6}-\frac{5}{6}=$	
33.	$1\frac{5}{6}-\frac{1}{6}=$	
34.	$1-\frac{5}{8}=$	
35.	$1-\frac{7}{8}=$	
36.	$1\frac{7}{8}-\frac{5}{8}=$	
37.	$1\frac{5}{8}-\frac{7}{8}=$	
38.	$1-\frac{1}{4}=$	
39.	$1-\frac{3}{4}=$	
40.	$1\frac{3}{4}-\frac{1}{4}=$	
41.	$1\frac{1}{4}-\frac{3}{4}=$	
42.	$1-\frac{7}{12}=$	
43.	$1\frac{1}{12}-\frac{5}{12}=$	
44.	$1\frac{7}{15}-\frac{11}{15}=$	

Concept Development

$2\frac{1}{6}$



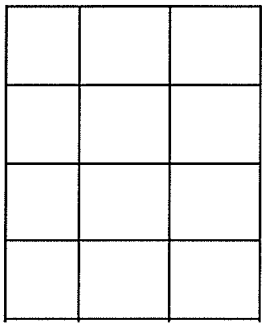
$3\frac{1}{3}$



$4\frac{1}{4}$

Let's Work Together!

$2\frac{2}{3}$



$5\frac{3}{4}$

$3\frac{4}{5}$

You Try!

1. Convert each mixed number to a fraction greater than 1. Draw model if needed.

a. $3\frac{1}{4}$

b. $2\frac{4}{5}$

c. $3\frac{5}{8}$

d. $4\frac{4}{10}$

e. $4\frac{7}{9}$

You Try!

2. Convert each mixed number to a fraction greater than 1. Show your work.

a. $3\frac{3}{4}$

b. $4\frac{1}{3}$

c. $4\frac{3}{5}$

d. $4\frac{6}{8}$

You Try!

3. Convert each mixed number to a fraction greater than 1.

a. $2\frac{3}{4}$	b. $2\frac{2}{5}$	c. $3\frac{3}{6}$
d. $3\frac{3}{8}$	e. $3\frac{1}{10}$	f. $4\frac{3}{8}$
g. $5\frac{2}{3}$	h. $6\frac{1}{2}$	i. $7\frac{3}{10}$

EXIT TICKET

Name:_____ **Date:**_____
BCCSG **Howard / Spelman**

Learning Target: **can decompose and compose fractions greater than 1 to express them in various forms.**

Standards: 4.NF.3.b 4.NF.3.c **M5L25**

Directions: Answer the questions below. Make sure you show work for every question. Record your answer on Google Classroom.

Convert each mixed number to a fraction greater than 1.

1. $3\frac{1}{5}$

2. $2\frac{3}{5}$

3. $4\frac{2}{9}$

Grade:

Wednesday

Date: April 21

Packets for Wednesday will be handed out during math after NYS ELA testing today.

Thursday

Date: April 22

Learning Target: I can compare fractions greater than 1 by reasoning using benchmark fractions.

Standards: 4.NF.2

M5L26

Fluency Practice

A

Number Correct: _____

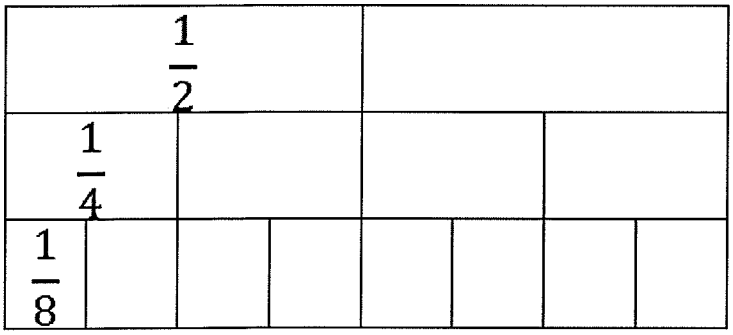
Add Fractions

1.	$1 + 1 =$	
2.	$\frac{1}{5} + \frac{1}{5} =$	
3.	$2 + 1 =$	
4.	$\frac{2}{5} + \frac{1}{5} =$	
5.	$2 + 2 =$	
6.	$\frac{2}{5} + \frac{2}{5} =$	
7.	$3 + 2 =$	
8.	$\frac{3}{5} + \frac{2}{5} =$	fifths
9.	$\frac{5}{5} =$	
10.	$\frac{3}{5} + \frac{2}{5} =$	
11.	$3 + 2 =$	
12.	$\frac{3}{8} + \frac{2}{8} =$	
13.	$3 + 2 + 2 =$	
14.	$\frac{3}{8} + \frac{2}{8} + \frac{2}{8} =$	
15.	$\frac{3}{8} + \frac{3}{8} + \frac{2}{8} =$	eighths
16.	$\frac{8}{8} =$	
17.	$\frac{3}{8} + \frac{3}{8} + \frac{2}{8} =$	
18.	$2 + 1 + 1 =$	
19.	$\frac{2}{3} + \frac{1}{3} + \frac{1}{3} =$	thirds
20.	$\frac{2}{3} + \frac{1}{3} + \frac{1}{3} =$	$1\frac{}{3}$
21.	$2 + 2 + 2 =$	
22.	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	fifths

23.	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	$1\frac{}{5}$
24.	$3 + 3 + 3 =$	
25.	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	eighths
26.	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	$1\frac{}{8}$
27.	$\frac{5}{8} + \frac{5}{8} + \frac{5}{8} =$	$1\frac{}{8}$
28.	$1 + 1 + 1 =$	
29.	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	halves
30.	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	$1\frac{}{2}$
31.	$4 + 4 + 4 =$	
32.	$\frac{4}{10} + \frac{4}{10} + \frac{4}{10} =$	tenths
33.	$\frac{4}{10} + \frac{4}{10} + \frac{4}{10} =$	$1\frac{}{10}$
34.	$\frac{6}{10} + \frac{6}{10} + \frac{6}{10} =$	$1\frac{}{10}$
35.	$2 + 2 + 2 =$	
36.	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$	sixths
37.	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$	
38.	$\frac{3}{6} + \frac{3}{6} + \frac{3}{6} =$	$1\frac{}{6}$
39.	$\frac{5}{12} + \frac{2}{12} + \frac{4}{12} =$	
40.	$\frac{4}{12} + \frac{4}{12} + \frac{4}{12} =$	
41.	$\frac{5}{12} + \frac{5}{12} + \frac{7}{12} =$	$1\frac{}{12}$
42.	$\frac{7}{12} + \frac{9}{12} + \frac{7}{12} =$	$1\frac{}{12}$
43.	$\frac{7}{15} + \frac{8}{15} + \frac{7}{15} =$	$1\frac{}{15}$
44.	$\frac{12}{15} + \frac{8}{15} + \frac{9}{15} =$	$1\frac{}{15}$

Concept Development

Barbara needed 13/4 cups of flour, her friend Jeanette needed 9/2 cups, and her friend Robert needed 3 6/8 cups. Who needs the most flour?



$$\frac{13}{4} \quad \square \quad 3\frac{6}{8} \quad \square \quad \frac{9}{2}$$

Concept Development

Compare the fractions below using <, =, or >.

$\frac{58}{8}$ ☐ $\frac{30}{4}$ ☐ $7\frac{5}{8}$

Let's Work Together!

Compare the fractions below using <, =, or >.
First convert the mixed numbers. Then compare.

$\frac{29}{7}$ ☐ $\frac{31}{8}$

$\frac{\quad}{\quad}$ ☐ $\frac{\quad}{\quad}$

$5\ \frac{7}{8}$ ☐ $5\ \frac{9}{10}$

You Try!

1. a. Plot the following points on the number line without measuring.

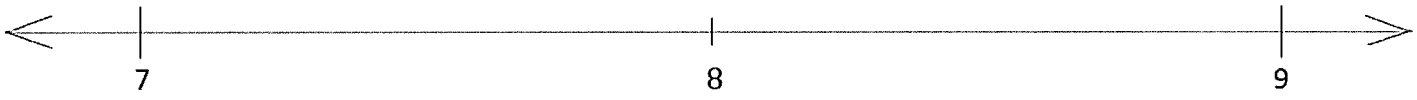
   i. $2\frac{7}{8}$ ii. $3\frac{1}{6}$ iii. $\frac{29}{12}$

   b. Use the number line in Problem 1(a) to compare the fractions by writing >, <, or =.

   i. $\frac{29}{12}$ _____ $2\frac{7}{8}$ ii. $\frac{29}{12}$ _____ $3\frac{1}{6}$

2. a. Plot the following points on the number line without measuring.

   i. $\frac{70}{9}$ ii. $8\frac{2}{4}$ iii. $\frac{25}{3}$



   b. Compare the following by writing >, <, or =.

   i. $8\frac{2}{4}$ _____ $\frac{25}{3}$ ii. $\frac{70}{9}$ _____ $8\frac{2}{4}$

You Try!

3. Compare the fractions given below by writing >, <, or =. Give a brief explanation for each answer, referring to benchmark fractions.

a. $5\frac{1}{3}$ _____ $4\frac{3}{4}$

b. $\frac{12}{6}$ _____ $\frac{25}{12}$

c. $\frac{18}{7}$ _____ $\frac{17}{5}$

d. $5\frac{2}{5}$ _____ $5\frac{5}{8}$

e. $6\frac{2}{3}$ _____ $6\frac{3}{7}$

f. $\frac{31}{7}$ _____ $\frac{32}{8}$

g. $\frac{31}{10}$ _____ $\frac{25}{8}$

h. $\frac{39}{12}$ _____ $\frac{19}{6}$

i. $\frac{49}{50}$ _____ $3\frac{90}{100}$

j. $5\frac{5}{12}$ _____ $5\frac{51}{100}$

EXIT TICKET

Name:_____ **Date:**_____
BCCSG **Howard / Spelman**

Learning Target: **II can compare fractions greater than 1 by reasoning using benchmark fractions.**

Standards: **4.NF.2** **M5L26**

Directions: Answer the questions below. Make sure you show work for every question. Record your answer on Google Classroom

Compare the fractions given below by writing >, <, or =.

Give a brief explanation for each answer, referring to benchmark fractions.

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

2. $\frac{12}{3}$ _____ $\frac{27}{7}$

3. $\frac{10}{6}$ _____ $\frac{5}{4}$

4. $3\frac{2}{5}$ _____ $3\frac{3}{10}$

Friday

Date: April 23

Learning Target: I can Compare fractions greater than 1 by creating common numerators or denominators.

Standards: 4.NF.2

M5L27

Fluency Practice

B

Number Correct: _____

Improvement: _____

Add Fractions

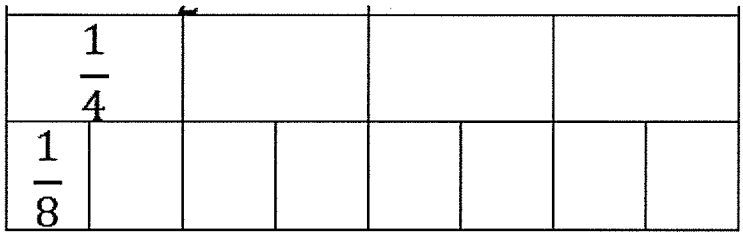
1.	$1 + 1 =$	
2.	$\frac{1}{6} + \frac{1}{6} =$	
3.	$3 + 1 =$	
4.	$\frac{3}{6} + \frac{1}{6} =$	
5.	$3 + 2 =$	
6.	$\frac{3}{6} + \frac{2}{6} =$	
7.	$4 + 2 =$	
8.	$\frac{4}{6} + \frac{2}{6} =$	sixths
9.	$\frac{6}{6} =$	
10.	$\frac{4}{6} + \frac{2}{6} =$	
11.	$5 + 2 =$	
12.	$\frac{5}{8} + \frac{2}{8} =$	
13.	$5 + 1 + 1 =$	
14.	$\frac{5}{8} + \frac{1}{8} + \frac{1}{8} =$	
15.	$\frac{5}{8} + \frac{2}{8} + \frac{1}{8} =$	eighths
16.	$\frac{8}{8} =$	
17.	$\frac{3}{8} + \frac{3}{8} + \frac{2}{8} =$	
18.	$1 + 1 + 2 =$	
19.	$\frac{1}{3} + \frac{1}{3} + \frac{2}{3} =$	thirds
20.	$\frac{1}{3} + \frac{1}{3} + \frac{2}{3} =$	$1\frac{}{3}$
21.	$3 + 3 + 3 =$	
22.	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	eighths

23.	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	$1\frac{}{8}$
24.	$1 + 1 + 1 =$	
25.	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	halves
26.	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	$1\frac{}{2}$
27.	$2 + 2 + 2 =$	
28.	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	fifths
29.	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	$1\frac{}{5}$
30.	$\frac{3}{5} + \frac{3}{5} + \frac{3}{5} =$	$1\frac{}{5}$
31.	$6 + 6 + 6 =$	
32.	$\frac{6}{10} + \frac{6}{10} + \frac{6}{10} =$	tenths
33.	$\frac{6}{10} + \frac{6}{10} + \frac{6}{10} =$	$1\frac{}{10}$
34.	$\frac{5}{10} + \frac{5}{10} + \frac{5}{10} =$	$1\frac{}{10}$
35.	$2 + 2 + 2 =$	
36.	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$	sixths
37.	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$	
38.	$\frac{3}{6} + \frac{3}{6} + \frac{3}{6} =$	$1\frac{}{6}$
39.	$\frac{5}{12} + \frac{3}{12} + \frac{3}{12} =$	
40.	$\frac{5}{12} + \frac{5}{12} + \frac{2}{12} =$	
41.	$\frac{6}{12} + \frac{5}{12} + \frac{6}{12} =$	$1\frac{}{12}$
42.	$\frac{8}{12} + \frac{10}{12} + \frac{5}{12} =$	$1\frac{}{12}$
43.	$\frac{7}{15} + \frac{7}{15} + \frac{8}{15} =$	$1\frac{}{15}$
44.	$\frac{13}{15} + \frac{9}{15} + \frac{7}{15} =$	$1\frac{}{15}$

Concept Development

Compare the fractions below using <, =, or >.

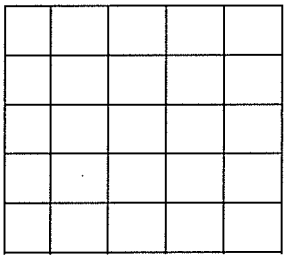
$3\frac{3}{8}$ ☐ $3\frac{3}{4}$



Concept Development

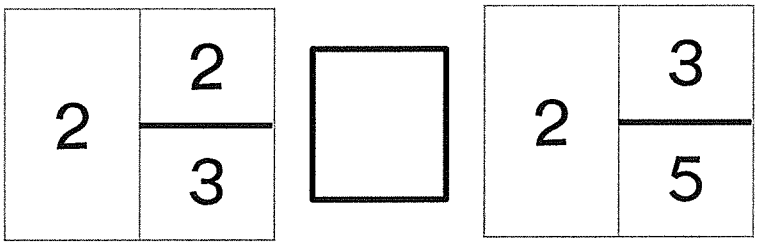
Compare the fractions below using <, =, or >.
Convert the improper fraction to a mixed number before comparing.

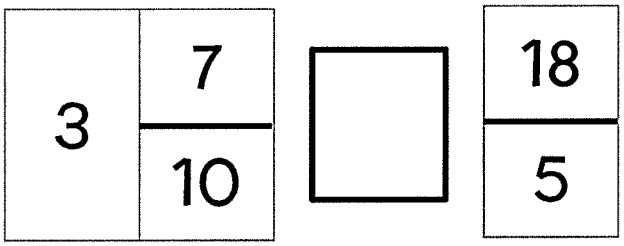
$4\frac{3}{4}$ ☐ $\frac{23}{5}$

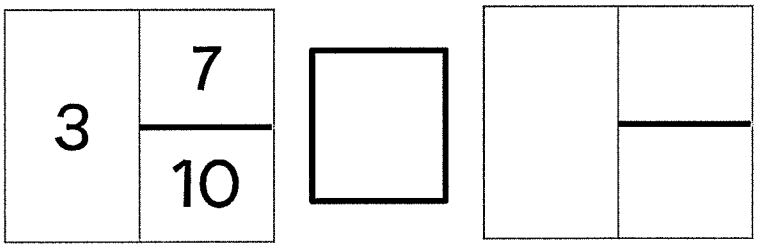


$4\frac{3}{4}$ ☐ $\square\frac{\square}{\square}$

Let's Work Together!







You Try!

1. Draw a tape diagram to model each comparison. Use >, <, or = to compare.

a. $3\frac{2}{3}$ _____ $3\frac{5}{6}$

b. $3\frac{2}{5}$ _____ $3\frac{6}{10}$

c. $4\frac{3}{6}$ _____ $4\frac{1}{3}$

d. $4\frac{5}{8}$ _____ $\frac{19}{4}$

2. Use an area model to make like units. Then, use >, <, or = to compare.

a. $2\frac{3}{5}$ _____ $\frac{18}{7}$

b. $2\frac{3}{8}$ _____ $2\frac{1}{3}$

You Try!

3. Compare each pair of fractions using >, <, or = using any strategy.

a. $5\frac{3}{4}$ _____ $5\frac{3}{8}$

b. $5\frac{2}{5}$ _____ $5\frac{8}{10}$

c. $5\frac{6}{10}$ _____ $\frac{27}{5}$

d. $5\frac{2}{3}$ _____ $5\frac{9}{15}$

e. $\frac{7}{2}$ _____ $\frac{7}{3}$

f. $\frac{12}{3}$ _____ $\frac{15}{4}$

g. $\frac{22}{5}$ _____ $4\frac{2}{7}$

h $\frac{21}{4}$ _____ $5\frac{2}{5}$

i. $\frac{29}{8}$ _____ $\frac{11}{3}$

j. $3\frac{3}{4}$ _____ $3\frac{4}{7}$

EXIT TICKET

Name:_____ **Date:**_____
BCCSG **Howard / Spelman**

Learning Target: II can Compare fractions greater than 1 by creating common numerators or denominators.
Standards: 4.NF.2

M5L27

Directions: Answer the questions below. Make sure you show work for every question. Record your answer on Google Classroom

Compare each pair of fractions using >, <, or = using any strategy.

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

2. $3\frac{4}{5}$ _____ $3\frac{9}{10}$

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

4. $10\frac{2}{5}$ _____ $10\frac{3}{4}$