

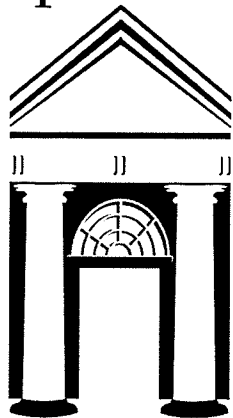
Name: _____

College: _____

4th Grade Math

Week of 5/3 - 5/7/2021

Spelman



College®



1867

HOWARD
UNIVERSITY

Monday

Date: May 3

Learning Target: I can multiply a whole number and a fraction.

Standards: 4.NF.4.b

5L35

M

Concept Development

4	x	$\frac{3}{5}$	=	$\frac{\quad}{\quad}$
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5	x	$\frac{3}{4}$	=	$\frac{\quad}{\quad}$
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Let's Work Together!

8	x	$\frac{2}{3}$	=	$\frac{\quad}{\quad}$
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12	x	$\frac{3}{10}$	=	$\frac{\quad}{\quad}$
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You Try!

2. Solve

a. $7 \times \frac{2}{3}$

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

c. $16 \times \frac{3}{8}$

d. $6 \times \frac{5}{8}$

You Try!

3. Solve.

a. $7 \times \frac{4}{9}$

b. $6 \times \frac{3}{5}$

c. $8 \times \frac{3}{4}$

d. $16 \times \frac{3}{8}$

e. $12 \times \frac{7}{10}$

f. $3 \times \frac{54}{100}$

4. Maria needs $\frac{3}{5}$ yard of fabric for each costume. How many yards of fabric does she need for 6 costumes?

EXIT TICKET

Name: _____

Date: _____

BCCSG

Howard / Spelman

Learning Target: I can multiply a whole number and a fraction.

Standards: 4.NF.4.b

M5L35

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

1. Solve.

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

2. Solve.

$$11 \times \frac{5}{6}$$

Grade: _____

Tuesday

Date: May 4

Learning Target: I can multiply a whole number and a fraction to solve problems.

Standards: 4.NF.4.b

M5L36

Concept Development

4	x	$\frac{3}{5}$	=	$\frac{\quad}{\quad}$
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Rhonda exercised for $\frac{3}{5}$ hour every day for 5 days.
How many total hours did Rhonda exercise?

Let's Work Together!

The serving size for cereal is $\frac{2}{3}$ cup. Each of 27 students in health class measured out one serving to eat for breakfast. If a box of cereal contained 16 cups, how many boxes of cereal were needed?

You Try!

3. Rewrite each repeated addition problem as a multiplication problem and solve. Express the result as a mixed number. The first one has been started for you.

a. $\frac{7}{5} + \frac{7}{5} + \frac{7}{5} + \frac{7}{5} = 4 \times \frac{7}{5} = \frac{4 \times 7}{5} =$

b. $\frac{9}{10} + \frac{9}{10} + \frac{9}{10}$

c. $\frac{11}{12} + \frac{11}{12} + \frac{11}{12} + \frac{11}{12} + \frac{11}{12}$

4. Solve using any method. Express your answers as whole or mixed numbers.

a. $8 \times \frac{2}{3}$

b. $12 \times \frac{3}{4}$

c. $50 \times \frac{4}{5}$

d. $26 \times \frac{7}{8}$

You Try!

5. Morgan poured $\frac{9}{10}$ liter of punch into each of 6 bottles. How many liters of punch did she pour in all?
6. A recipe calls for $\frac{3}{4}$ cup rice. How many cups of rice are needed to make the recipe 14 times?
7. A butcher prepared 120 sausages using $\frac{3}{8}$ pound of meat for each. How many pounds did he use in all?

EXIT TICKET

Name: _____
BCCSG

Date: _____
Howard / Spelman

Learning Target: I can multiply a whole number and a fraction to solve problems.

Standards: 4.NF.4.b

M5L36

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

Solve using any method.

1. $7 \times \frac{3}{4}$

2. $9 \times \frac{2}{5}$

3. $60 \times \frac{5}{8}$

Grade:

Wednesday

Date: May 5

No virtual instruction with teacher today. Scholars not in to take the NYS Math Assessment can finish any outstanding work and log time in Xtra math and Lexia

Thursday

Date: May 6

Learning Target: I can find the product of a whole number and a mixed number using the distributive property.

Standards: 4.NF.4.a 4 NF.4.b

M5L37

Fluency Practice

Change Mixed Numbers to Fractions

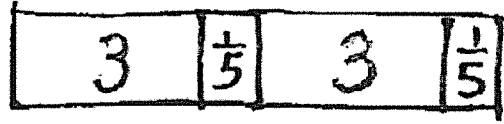
1.	$4 = 3 + \underline{\quad}$	
2.	$\frac{4}{3} = \frac{3}{3} + \frac{\quad}{3}$	
3.	$\frac{4}{3} = 1 + \frac{\quad}{3}$	
4.	$\frac{4}{3} = 1\frac{\quad}{3}$	
5.	$6 = 5 + \underline{\quad}$	
6.	$\frac{6}{5} = \frac{5}{5} + \frac{\quad}{5}$	
7.	$\frac{6}{5} = 1 + \frac{\quad}{5}$	
8.	$\frac{6}{5} = 1\frac{\quad}{5}$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

23.	$\frac{8}{4} = \underline{\quad}$	
24.	$\frac{\quad}{4} = \frac{8}{4} + \frac{3}{4}$	
25.	$\frac{11}{4} = \frac{8}{4} + \frac{\quad}{4}$	
26.	$\frac{11}{4} = 2 + \frac{\quad}{4}$	
27.	$\frac{11}{4} = 2\frac{\quad}{4}$	
28.	$\frac{\quad}{3} = \frac{6}{3} + \frac{1}{3}$	
29.	$\frac{\quad}{3} = 2 + \frac{1}{3}$	
30.	$\frac{7}{3} = \underline{\quad}\frac{1}{3}$	
31.	$\frac{8}{3} = \underline{\quad}\frac{2}{3}$	
32.	$\frac{17}{5} = \frac{\quad}{5} + \frac{2}{5}$	
33.	$\frac{17}{5} = \frac{15}{5} + \frac{\quad}{5}$	
34.	$\frac{17}{5} = \underline{\quad} + \frac{2}{5}$	
35.	$\frac{17}{5} = \underline{\quad}\frac{2}{5}$	
36.	$\frac{13}{6} = \frac{12}{6} + \frac{\quad}{6}$	
37.	$\frac{13}{6} = \underline{\quad} + \frac{1}{6}$	
38.	$\frac{13}{6} = 2\frac{\quad}{6}$	
39.	$\frac{17}{6} = 2\frac{\quad}{6}$	
40.	$\frac{9}{8} = 1 + \frac{\quad}{8}$	
41.	$\frac{13}{8} = 1 + \frac{\quad}{8}$	
42.	$\frac{19}{10} = 1 + \frac{\quad}{10}$	
43.	$\frac{19}{12} = \frac{\quad}{12} + \frac{7}{12}$	
44.	$\frac{11}{6} = 1 + \frac{\quad}{6}$	

Concept Development



Use the tape diagram below to solve the equation.



2	x	3	$\frac{1}{5}$	=		
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4	x	5	$\frac{2}{10}$	=		
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Let's Work Together!



5	x	3	$\frac{2}{3}$	=		
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In April, Jenny ran in a marathon as part of a relay team. She ran $6\frac{55}{100}$ miles.

In September, Jenny ran 4 times as far to complete a marathon on her own.

How far did Jenny run in September?

You Try!

1. Draw tape diagrams to show two ways to represent 2 units of $4\frac{2}{3}$.

Write a multiplication expression to match each tape diagram.

2. Solve the following using the distributive property. The first one has been done for you. (As soon as you are ready, you may omit the step that is in line 2.)

a. $3 \times 6\frac{4}{5} = 3 \times \left(6 + \frac{4}{5}\right)$ $= (3 \times 6) + \left(3 \times \frac{4}{5}\right)$ $= 18 + \frac{12}{5}$ $= 18 + 2\frac{2}{5}$ $= 20\frac{2}{5}$	b. $2 \times 4\frac{2}{3}$
c. $3 \times 2\frac{5}{8}$	d. $2 \times 4\frac{7}{10}$

You Try!

e. $3 \times 7\frac{3}{4}$

f. $6 \times 3\frac{1}{2}$

g. $4 \times 9\frac{1}{5}$

h. $5\frac{6}{8} \times 4$

3. For one dance costume, Saisha needs $4\frac{2}{3}$ feet of ribbon. How much ribbon does she need for 5 identical costumes?

EXIT TICKET

Name: _____
BCCSG

Date: _____
Howard / Spelman

Learning Target: I can find the product of a whole number and a mixed number using the distributive property.

Standards: 4.NF.4.a 4 NF.4.b

M5L37

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

Multiply. Write each product as a mixed number.

1. $4 \times 5\frac{3}{8}$

2. $4\frac{3}{10} \times 3$

Friday

Date: May 7

Learning Target: I can find the product of a whole number and a mixed number using the distributive property.

Standards: 4.NF.4.a 4.NF.4b

M5L38

Fluency Practice

Change Mixed Numbers to Fractions

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

23.	$\frac{6}{3} = \underline{\quad}$	
24.	$\frac{\quad}{3} = \frac{6}{3} + \frac{2}{3}$	
25.	$\frac{8}{3} = \frac{6}{3} + \frac{\quad}{3}$	
26.	$\frac{8}{3} = 2 + \frac{\quad}{3}$	
27.	$\frac{8}{3} = 2\frac{\quad}{3}$	
28.	$\frac{\quad}{10} = \frac{20}{10} + \frac{1}{10}$	
29.	$\frac{\quad}{10} = 2 + \frac{1}{10}$	
30.	$\frac{21}{10} = \underline{\quad} + \frac{1}{10}$	
31.	$\frac{27}{10} = \underline{\quad} + \frac{7}{10}$	
32.	$\frac{13}{6} = \frac{\quad}{6} + \frac{1}{6}$	
33.	$\frac{13}{6} = \frac{12}{6} + \frac{\quad}{6}$	
34.	$\frac{13}{6} = \underline{\quad} + \frac{1}{6}$	
35.	$\frac{13}{6} = \underline{\quad} + \frac{1}{6}$	
36.	$\frac{17}{8} = \frac{16}{8} + \frac{\quad}{8}$	
37.	$\frac{17}{8} = \frac{\quad}{8} + \frac{1}{8}$	
38.	$\frac{17}{8} = 2\frac{\quad}{8}$	
39.	$\frac{21}{8} = 2\frac{\quad}{8}$	
40.	$\frac{7}{6} = 1 + \frac{\quad}{6}$	
41.	$\frac{11}{6} = 1 + \frac{\quad}{6}$	
42.	$\frac{13}{5} = 2 + \frac{\quad}{5}$	
43.	$\frac{17}{12} = \frac{\quad}{12} + \frac{5}{12}$	
44.	$\frac{13}{8} = 1 + \frac{\quad}{8}$	

Concept Development



5	x	8	$\frac{1}{5}$	=		$\frac{\quad}{\quad}$
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Let's Work Together!



4	x	9	$\frac{3}{4}$	=		$\frac{\quad}{\quad}$
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Robin rides for $3\frac{1}{2}$ miles round trip to get to and from school.
How many miles would Robin ride in 5 days?

You Try!

1. Fill in the unknown factors.

a. $7 \times 3\frac{4}{5} = (\underline{\quad} \times 3) + (\underline{\quad} \times \frac{4}{5})$

b. $3 \times 12\frac{7}{8} = (3 \times \underline{\quad}) + (3 \times \underline{\quad})$

2. Multiply. Use the distributive property.

a. $7 \times 8\frac{2}{5}$

b. $4\frac{5}{6} \times 9$

c. $3 \times 8\frac{11}{12}$

d. $5 \times 20\frac{8}{10}$

You Try!

e. $25\frac{4}{100} \times 4$

3. The distance around the park is $2\frac{5}{10}$ miles. Cecilia ran around the park 3 times. How far did she run?

4. Windsor the dog ate $4\frac{3}{4}$ snack bones each day for a week. How many bones did Windsor eat that week?

EXIT TICKET

Name: _____
BCCSG

Date: _____
Howard / Spelman

Learning Target: I can find the product of a whole number and a mixed number using the distributive property.

Standards: 4.NF.4.a 4.NF.4b

M5L38

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

1. Fill in the unknown factors.

$$8 \times 5\frac{2}{3} = (\underline{\quad} \times 5) + (\underline{\quad} \times \frac{2}{3})$$

2. Multiply. Use the distributive property.

$$6\frac{5}{8} \times 7$$

