



Classwork 3/25/2020

Adding Mixed Numbers

Today you will work on this presentation and you will also spend 10 minutes on First in Math.

Good morning and hello Fourth Graders from Mrs. Cronin!

Today is Wednesday 3/25/2020

Where To Find Your Work: <https://lynncronin.weebly.com/> download
3-25-2020 Grade 4 Adding Mixed Numbers and Simplifying

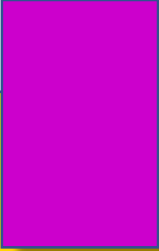
Learning Objectives: By the time we are done with this lesson you will have a good idea how to add mixed numbers and simplify the fractions too!

Learning Activities: PowerPoint and Quizlet plus 10 minutes of First In Math

How I will see/check your work: Email or OneNote

How We Communicate: email lcronin@wtps.org or OneNote

MA.4.NF.C.6, MA.4.NF.C, MA.4.NF.B.4c, MA.4.NF.B.3d, MA.4.NF.A,



**Yesterday we practiced
adding mixed numbers – today
we will also learn how to
simplify the fractional part of
our answers!**

Quick review – name these numbers!

Questions 1 & 2 – email the answers

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

Write down the name of this number

$$12\frac{9}{11}$$

Write down the name of this number

Quick review – add these mixed numbers!

Question 3 – email the answer

$$7\frac{1}{6} + 18\frac{4}{6} =$$

First add the whole numbers
Then add the fractions

Try this one!

Question 4 – email the answer

$$6\frac{1}{4} + 5\frac{2}{4} =$$

First add the whole numbers
Then add the fractions

Try this one!

$$33\frac{3}{8} + 8\frac{3}{8} =$$

First add the whole numbers

Then add the fractions

Try it then turn the page to check your answer!

Try this one!

$$33\frac{3}{8} + 8\frac{3}{8} = 41\frac{6}{8}$$

Did you
get it?

First add the whole numbers
Then add the fractions

But let's look at the fraction part of that answer!

$$33\frac{3}{8} + 8\frac{3}{8} = 41\frac{6}{8}$$

First add the whole numbers
Then add the fractions

But let's look at the fraction part of that answer!

$$33\frac{3}{8} + 8\frac{3}{8} = 41\frac{6}{8}$$

First add the whole numbers
Then add the fractions

This fraction
could be made
into a more
simple fraction.

If we divide the
top and the
bottom of that
fraction by 2 we
would end up
with 3/4!

Making a fraction into a more simple fraction is called simplifying.

$$\frac{6}{8} =$$

Try the number 2 first! Can you divide the numbers 6 and 8 by 2?

Please notice that we are not changing the whole number – just the fraction!

To simplify a fraction you try to divide both the top and the bottom by the same number until it won't divide anymore.

I always start with trying the numbers 2, 3 and 5.

They almost always work!

Try dividing both the 6 and the 8 by 2

$$\frac{6}{8} \div 2 = \frac{3}{4}$$

3/4! Congratulations! you have simplified your first fraction!

Please notice that we are not changing the whole number – just the fraction!

To simplify a fraction you try to divide both the top and the bottom by the same number until it won't divide anymore.

I always start with trying the numbers 2, 3 and 5.

They almost always work!

Put the whole number (41) back in
to find the answer to the problem

$$\cancel{33\frac{3}{8}} + \cancel{8\frac{3}{8}} = \cancel{41\frac{6}{8}}$$

$$33\frac{3}{8} + 8\frac{3}{8} = 41\frac{3}{4}$$

Let's simplify this fraction (remember try 2, 3, & 5 first)

$$\frac{15}{20}$$

To simplify a fraction you try to divide both the top and the bottom by the same number until it won't divide anymore.

I always start with trying the numbers 2, 3 and 5.

They almost always work!

Let's simplify this fraction (remember try 2, 3, & 5 first)

$$\frac{15}{20} \div 5 = \frac{3}{4}$$

You did it again!
3/4 is a simplified fraction!

To simplify a fraction you try to divide both the top and the bottom by the same number until it won't divide anymore.

I always start with trying the numbers 2, 3 and 5.

They almost always work!

Let's simplify this fraction (remember try 2, 3, & 5 first)

$$\frac{6}{9}$$

To simplify a fraction you try to divide both the top and the bottom by the same number until it won't divide anymore.

I always start with trying the numbers 2, 3 and 5.

They almost always work!

Let's simplify this fraction (remember try 2, 3, & 5 first)

$$\frac{6}{9} \div 3 = \frac{2}{3}$$

You did it again!
2/3 is a simplified fraction!

To simplify a fraction you try to divide both the top and the bottom by the same number until it won't divide anymore.

I always start with trying the numbers 2, 3 and 5.

They almost always work!

Let's try to add a mixed number
and then simplify the fraction!

$$5\frac{2}{6} + 2\frac{2}{6} =$$

1. Add the
whole numbers.

2. Add the fractions.

3. Check the fraction to
see if it can be simplified.

Let's try to add a mixed number
and then simplify the fraction!

$$5\frac{2}{6} + 2\frac{2}{6} = 7$$

Step 1.
Add the
whole
numbers.

Step 2.
Add the
fractions

1. Add the
whole numbers.

2. Add the fractions.

3. Check the fraction to
see if it can be simplified.

Let's try to add a mixed number
and then simplify the fraction!

$$5\frac{2}{6} + 2\frac{2}{6} = 7\frac{4}{6}$$

Step 1.
Add the
whole
numbers.

Step 2.
Add the
fractions

1. Add the
whole numbers.

2. Add the fractions.

3. Check the fraction to
see if it can be simplified.

Let's try to add a mixed number
and then simplify the fraction!

$$5\frac{2}{6} + 2\frac{2}{6} = 7\frac{4}{6}$$

Step 1.
Add the
whole
numbers.

Step 2.
Add the
fractions

Step 3. check the fraction to see
if it can be simplified.
Can $\frac{4}{6}$ be divided by 2, 3, or 5?

1. Add the
whole numbers.

2. Add the fractions.

3. Check the fraction to
see if it can be simplified.

Let's try to add a mixed number
and then simplify the fraction!

$$5\frac{2}{6} + 2\frac{2}{6} = 7\frac{4}{6}$$

Step 1.
Add the
whole
numbers.

Step 2.
Add the
fractions

Step 3. check the fraction to see
if it can be simplified.
Can $\frac{4}{6}$ be divided by 2, 3, or 5?

1. Add the
whole numbers.

2. Add the fractions.

3. Check the fraction to
see if it can be simplified.

Let's try to add a mixed number
and then simplify the fraction!

$$5\frac{2}{6} + 2\frac{2}{6} = 7\frac{4}{6}$$

Step 1.
Add the
whole
numbers.

Step 2.
Add the
fractions

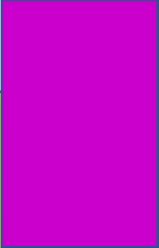
$$\frac{4}{6} + \frac{2}{2} = \frac{2}{3}$$

Step 3. check the fraction to see
if it can be simplified.
Yes! Divide by 2!

1. Add the
whole numbers.

2. Add the fractions.

3. Check the fraction to
see if it can be simplified.



**That is enough for one day!
Tomorrow we will look at it again
and practice this new skill!**

**Please complete your
Quizlet studying and your =/-/x drills**



**Don't forget to email me
or try to send me a message on
OneNote!**

See you tomorrow!