Grade 4

Math Remote Learning Assignments

Week 2: March 30th - April 3rd

Day	Assignments
Monday **3/30/2020**	Part A: **Review the guided practice** by a PPN teacher Part B: **Complete the exit ticket on Illuminate CLICK HERE** Part C: **Solve the sense-making problem** and share a picture of your work Part D: Complete the **Khan Academy activity**
Tuesday **3/31/2020**	Part A: **Review the guided practice** by a PPN teacher Part B: **Complete the exit ticket on Illuminate CLICK HERE** Part C: **Solve the sense-making problem** and share a picture of your work Part D: Complete the Khan Academy activity
Wednesday **4/1/2020**	Part A: **Review the guided practice** by a PPN teacher Part B: **Complete the exit ticket on Illuminate CLICK HERE** Part C: **Solve the sense-making problem** and share a picture of your work Part D: Complete the Khan Academy activity
Thursday **4/2/2020**	Part A: **Review the guided practice** by a PPN teacher Part B: **Complete the exit ticket on Illuminate CLICK HERE** Part C: **Solve the sense-making problem** and share a picture of your work Part D: Complete the Khan Academy activity
Friday **4/3/2020**	**Flex day** - Review and revisit your work from the week and catch up if necessary. No Illuminate Exit Ticket - **Happy Friday**!

*You must know your ID number in order to submit your answers in Illuminate. If you do not know your ID number, please let your teacher know and they can help you.

Monday, 3/30/2020

Objective: SWBAT to solve word problems involving addition and subtraction of fractions. SWBAT write an equation to represent a fraction word problem and solve for the unknown.

Lesson At-A-Glance for Today
   A. **Review the guided practice** by a PPN teacher (about 5-10 mins)
   B. Complete the **Exit Ticket on Illuminate** (about 10 mins)
   C. Solve the **Sense-Making problem** and share a picture of your work (about 10 mins)
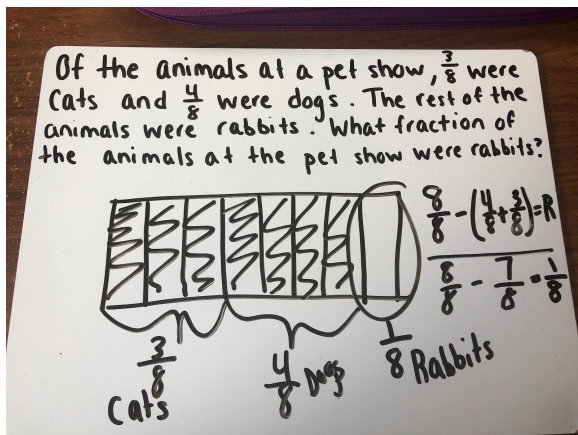   D. Complete the **Khan Academy activity** (about 15 mins)

PART A: Guided Practice - Watch the teacher mini-lesson video to follow along to complete the guided practice problem below.
   ● **Video Link** for Guided Practice Question

Of the animals at a pet show, $\frac{3}{8}$ were cats and $\frac{4}{8}$ were dogs. The rest of the animals were rabbits. What fraction of the animals at the pet show were rabbits?

Model:

Strategic Math Plan (SMP)

1. **Read and Interpret the Question**
   ● Ask yourself:
      ○ What is this question asking ?
      ○ What is my plan to solve ?
2. **Make a plan to solve.**
   ● For multiple-choice, cover the answer choices and solve the problem before looking at the answer choices
   ● Organize your workspace
   ● Make a model/Write a formula/operation/equation
3. **Use your plan to solve.**
   ● Label your work as you solve.
4. **Check your work.**
   ● Re-read the question and ask,
      ○ "Does my answer make sense ?"
      ○ "Did I answer the question completely?"
      Did I answer the question completely?
   ● If your answer doesn't make sense, make a new plan and re-solve the problem.

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PART B: Exit Ticket- Complete the following problems below using the SMP. Submit your answers online by clicking on the link below.

PPN Math Remote Learning - Grade 4	EXIT TICKET: 3/30/20

Illuminate link - CLICK HERE (this is the same link that is on the cover page)

1.

Marcie walked $\frac{5}{8}$ mile on both Saturday and Sunday. How far did she walk in all?

A. $\frac{25}{64}$ mile

B. $\frac{10}{16}$ mile

C. 1 mile

D. $\frac{10}{8}$ miles

2.

A cake is cut into slices of equal size. Some of the cake is eaten by Ms. K, and $\frac{1}{6}$ of the cake is given to her neighbor. The remaining $\frac{3}{6}$ of the cake is put away.

What fraction of the cake was eaten by Ms. K?

A $\frac{1}{6}$

B $\frac{2}{6}$

C $\frac{3}{6}$

D $\frac{4}{6}$

PPN Math Remote Learning - Grade 4	EXIT TICKET: 3/30/20

PART C: Sense-Making

Solve the following word problem using the template. You do not need to write in the template. You can use your own notebook to show your work. When you are done, take a picture of your work and share it with your teacher.

Waldo sliced a loaf of banana bread into 10 equal slices of a bake sale. He sold 2 of the slices to Carmen and 5 of the slices to Layla. What fraction of the bread did Waldo sell?

Show your thinking with objects, numbers, pictures, or words.
Answer: _____

Number sentence to match my work:	Number sentence to match the story:

PART D: Online Math Practice Time - Log onto Khan Academy and complete this exercise HERE You may use a notebook to solve these questions and show your work.

Tuesday, 3/31/2020

Objective: SWBAT solve word problems by multiplying fractions by whole numbers.

Lesson At-A-Glance for Today
  A. **Review the guided practice** by a PPN teacher (about 5-10 mins)
  B. Complete the **Exit Ticket on Illuminate** (about 10 mins)
  C. Solve the **Sense-Making problem** and share a picture of your work (about 10 mins)
  D. Complete the **Khan Academy activity** (about 15 mins)

PART A: Guided Practice - *Watch the teacher mini-lesson video/Use the exemplar* to follow along to complete the guided practice problem below.
  ● Video Link for Guided Practice Question

How can you show and solve $2 \times \frac{4}{5}$?

Strategic Math Plan (SMP)

1. **Read and Interpret the Question**
   ● Ask yourself:
     ○ What is this question asking ?
     ○ What is my plan to solve ?
2. **Make a plan to solve.**
   ● For multiple-choice, cover the answer choices and solve the problem before looking at the answer choices
   ● Organize your workspace
   ● Make a model/Write a formula/operation/equation

3. **Use your plan to solve.**
   ● Label your work as you solve.

4. **Check your work.**
   ● Re-read the question and ask,
     ○ "Does my answer make sense ?"
     ○ "Did I answer the question completely?"
     Did I answer the question completely?
   ● If your answer doesn't make sense, make a new plan and re-solve the problem.

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PART B: Exit Ticket- Complete the following problems below using the SMP. Submit your answers online by clicking on the link below.

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Illuminate link - CLICK HERE (this is the same link that is on the cover page)

1.

Jeremy drew 4 of these models on the board. What multiplication sentence does Jeremy's drawing show?

A. $\frac{2}{8} \times 4 = \frac{6}{8}$

B. $\frac{1}{8} \times 4 = \frac{4}{8}$

C. $\frac{6}{8} \times 4 = \frac{2}{8}$

D. $\frac{2}{8} \times 4 = \frac{8}{8}$

2.

Which is the same as $8 \times \frac{2}{5}$?

A. $16 \times \frac{1}{5}$

B. $10 \times \frac{2}{5}$

C. $16 \times \frac{2}{5}$

D. $8 \times \frac{5}{2}$

PART C: Sense-Making

Solve the following word problem using the template. You do not need to write in the template. You can use your own notebook to show your work. When you are done, take a picture of your work and share it with your teacher.

Melanie walked $\frac{9}{12}$ mile each day for 5 days. What was the total distance, in miles, she walked in the 5 days?

Show your thinking with objects, numbers, pictures, or words.

Answer: _____

Number sentence to match my work:	Number sentence to match the story:

PART D: Online Math Practice Time - Log onto Khan Academy and complete this exercise HERE. You may use a notebook to solve these questions and show your work.

Wednesday, 4/1/20

Objective: SWBAT solve word problems involving multiplication of a fraction by a whole number. SWBAT solve a word problem given a fraction model involving multiplication of a fraction by a whole number.

Lesson At-A-Glance for Today
  A. **Review the guided practice** by a PPN teacher (about 5-10 mins)
  B. Complete the **Exit Ticket on Illuminate** (about 10 mins)
  C. Solve the **Sense-Making problem** and share a picture of your work (about 10 mins)
  D. Complete the **Khan Academy activity LINK** (about 15 mins)

PART A: Guided Practice - *Use the exemplar* to follow along to complete the guided practice problem below.

Guided Practice Question

1. A trail mix recipe calls for $\frac{5}{8}$ cup raisins. Blake used four times as many raisins as the recipe called for. How many cups of raisins did Blake use?

  A. $1\frac{7}{8}$
  B. $2\frac{4}{8}$
  C. $4\frac{5}{8}$
  D. $20\frac{5}{8}$

➔ First, I asked myself: *What is the question asking me?* So after reading the question, I circled "calls for" because I wasn't familiar with that phrase. I used context clues to figure out that it meant "needs" or "requires." Then, I saw "four times as many" so I underlined it to keep in mind that it meant I needed to multiply by 4.

$$\frac{20}{8} \rightarrow \text{mixed fraction}$$

$$20 \div 8 = \square$$

➔ To solve the problem, I first listed all the information I got from the question (in orange). Then, I used two ways (multiplying & repeated addition) to get my answer (in blue).

➔ But **wait**! When I looked at my answer choices, I didn't see $\frac{20}{8}$! I had to change my improper fraction into a mixed fraction. I did this by dividing the numerator (20) by the denominator (8). Then, I got 2 remainder 4. The 2 becomes the whole number of my fraction and the 4 becomes the numerator of my new fraction. So my answer is $2\frac{4}{8}$ or $2\frac{1}{2}$, and that's how I got B.

Strategic Math Plan (SMP)

1. **Read and Interpret the Question**
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     - Did I answer the question completely?
   - If your answer doesn't make sense, make a new plan and re-solve the problem.

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PART B: Exit Ticket- Complete the following problems below using the SMP. Submit your answers online by clicking on the link below

PPN Math Remote Learning - Grade 4	EXIT TICKET: 4/1/20

Illuminate link - CLICK HERE (this is the same link that is on the cover page)

1.

Rose uses instant lemonade powder to make 7 pitchers of lemonade. She uses $\frac{2}{8}$ cup of powder for each pitcher. What is the total amount of powder that Rose uses?

A $\frac{2}{56}$ cups

B $\frac{14}{56}$ cups

C $\frac{9}{8}$ cups

D $\frac{14}{8}$ cups

2.

LaJoe is sewing skirts. The shaded part below represents the fraction of a foot of fabric she uses for each skirt.

How many feet of fabric, in all, will LaJoe need to make 10 skirts?

A $4\frac{1}{3}$

B $6\frac{2}{3}$

C $9\frac{2}{3}$

D $20\frac{1}{3}$

PPN Math Remote Learning - Grade 4	EXIT TICKET: 4/1/20

PART C: Sense-Making

Solve the following word problem using the template. You do not need to write in the template. You can use your own notebook to show your work. When you are done, take a picture of your work and share it with your teacher.

Sensemaking

Raven uses $\frac{5}{8}$ tube of glue for each poster she makes. She is making 3 posters for a class project. Will 2 tubes of glue be enough?

Show your thinking with objects, numbers, pictures, or words.

Answer: _____

Number sentence to match my work:	Number sentence to match the story:

PART D: Online Math Practice Time - Log onto Khan Academy and complete this exercise HERE. You may use a notebook to solve these questions and show your work.
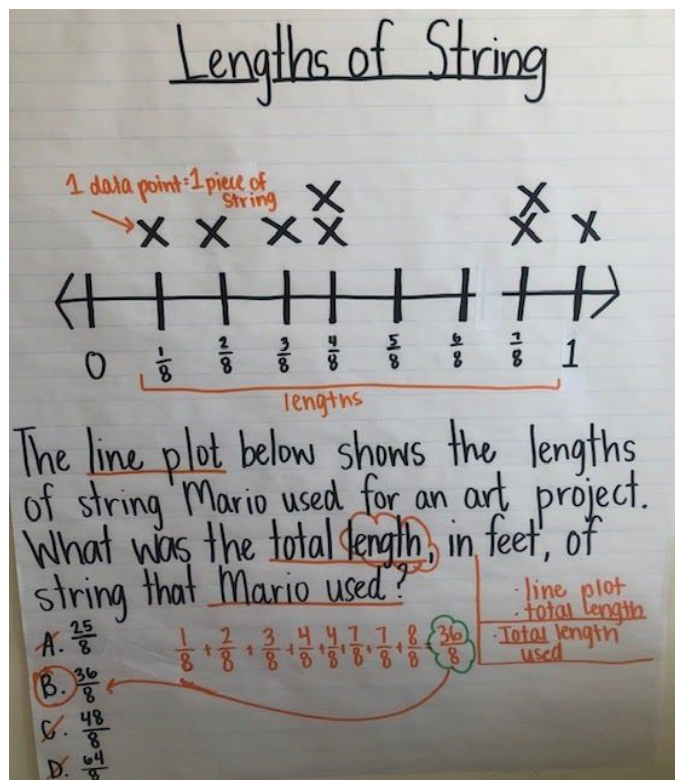
Thursday, 4/2/2020

Objective: SWBAT to solve word problems involving addition and subtraction of fractions by using information presented in line plots (difference). Given a data table, interpret and identify line plots that that correctly represents data

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- C. Solve the **Sense-Making problem** and share a picture of your work (about 10 mins)
- D. Complete the **Khan Academy activity** (about 15 mins)

PART A: Guided Practice - *Watch the teacher mini-lesson video/Use the exemplar* to follow along to complete the guided practice problem below

Watch Mrs. Lamour Here!

PART B: Exit Ticket- Complete the following problems below using the SMP. Submit your answers online by clicking on the link below
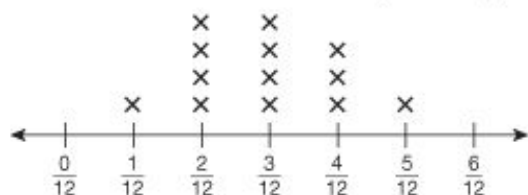
PPN Math Remote Learning - Grade 4	EXIT TICKET: 4/2/20

Illuminate link - CLICK HERE (this is the same link that is on the cover page)

1.

Ms. Rai gave her students a quiz. She recorded how long it took each of her students to finish the quiz in the line plot below.
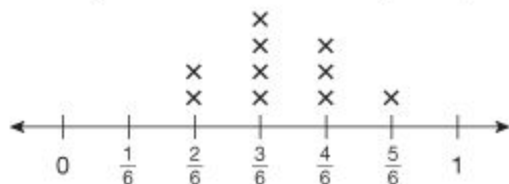
Time Taken to Finish Quiz (in hours)

How many students finished the quiz in $\frac{3}{12}$ hour or less?

A. 10

B. 9

C. 5

D. 1

2.

Rachel worked at a day care center where children have to take off their shoes before they come into class. Rachel measured the length of some the shoes. She put the data in the line plot below.

Length of Children's Shoes (in feet)

What is the difference in length between the shoe of the greatest length and the shoe of the least length?

A $\frac{1}{6}$ foot

B $\frac{2}{6}$ foot

C $\frac{3}{6}$ foot

D   1 foot

PART C: Sense-Making

Solve the following word problem using the template. You do not need to write in the template. You can use your own notebook to show your work. When you are done, take a picture of your work and share it with your teacher.

Sensemaking

A health food- store sells different-size bottles of vitamin water. Bottles hold from $\frac{1}{6}$ of a pint to $\frac{5}{6}$ of a pint. The list below shows the capacities of the bottles of vitamin water that were sold last week.

$$\frac{1}{6} \quad \frac{1}{2} \quad \frac{5}{6} \quad \frac{2}{3} \quad \frac{1}{6} \quad \frac{1}{3} \quad \frac{1}{2} \quad \frac{2}{3} \quad \frac{5}{6} \quad \frac{2}{3} \quad \frac{2}{3} \quad \frac{1}{2} \quad \frac{5}{6} \quad \frac{1}{6}$$

Part A: Rename the measurements so that they are in the same fractional units. Then make a line plot of the set of data in the space below.

Part B: How many bottles of vitamin water did the health food store sell last week?

Answer: _____

PART D: Online Math Practice Time - Log onto Khan Academy and complete this exercise HERE . You may use a notebook to solve these questions and show your work.