

Module 8 - Day 1

Concept Recall: (5.NF.A.1) addition of fractions

What is the sum of $\frac{3}{4} + \frac{7}{8}$?

Concept Check: (5.NF.B.4)

Draw a model of the following multiplication problem.

$$4 \times \frac{3}{4}$$

Sample

Module 8 - Day 2

Concept Recall: (5.NF.A.1) subtraction of fractions

What is the difference of $\frac{8}{12} - \frac{1}{3}$?

Concept Check: (5.NF.B.4)

Draw a model of the following multiplication problem.

$$\frac{2}{3} \times \frac{1}{8}$$

Sample

Module 8 - Day 3

Concept Recall: (5.NF.A.1) addition of mixed numbers

What is the sum of $1\frac{3}{8} + 2\frac{1}{4}$?

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

B. $2\frac{3}{8}$

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

D. $2\frac{1}{3}$

Concept Check: (5.NF.B.4)

Draw an area model of the following multiplication problem.

$\frac{1}{4} \times \frac{6}{8}$

Sample

Module 8 - Day 4

Concept Recall: (5.NF.A.1) subtraction of mixed numbers

What is the difference of $6\frac{1}{6} - 3\frac{7}{12}$?

A. $3\frac{1}{6}$

B. $3\frac{5}{12}$

C. $2\frac{7}{12}$

D. $3\frac{7}{12}$

Concept Check: (5.NF.B.4)

Write a multiplication of fraction problem

Explain the steps to follow when you multiply any two fractions.

Sample

Module 8 - Day 5

Concept Recall: (5.NF.A.2) addition of fractions

Marcy is studying for her science test. On Monday she studied for $\frac{1}{2}$ an hour. On Tuesday she studied for $\frac{1}{2}$ an hour, and on Wednesday she studied for $\frac{2}{3}$ of an hour. What is the total time she spent studying in the three days?

Concept Check: (5.NF.B.4)

Tony has $\frac{3}{4}$ of a bag of candy. He gives his brother $\frac{1}{3}$ of his candy. What part of the bag of candy did he give his brother?

Sample

Module 8 - Day 6

Concept Recall: (5.NF.A.2) subtraction of fractions

Tony lives $\frac{3}{4}$ of a mile from the school. Steven lives $\frac{5}{12}$ of a mile from the school.

What is the difference in the distance of the two homes from the school?

- A. $\frac{1}{4}$ of a mile
- B. $\frac{1}{3}$ of a mile
- C. $\frac{1}{2}$ of a mile
- D. $\frac{5}{16}$ of a mile

Concept Check: (5.NF.B.5)

Create a pictorial model for the multiplication problem $\frac{2}{3} \times 4$.

Sample

Module 8 - Day 7

Concept Recall: (5.NF.A.2) addition of mixed numbers

David played outside for $1\frac{1}{2}$ hours on Monday and $1\frac{2}{3}$ hours on Tuesday. How many hours did he play outside on Monday and Tuesday?

Concept Check: (5.NF.B.5)

Will the product of $\frac{3}{5} \times 5$ be less than or greater than 5? Explain your answer.

Sample

Module 8 - Day 8

Concept Recall: (5.NF.A.2) subtraction of mixed numbers

The following trail chart is given to visitors at the Brown Summit Forest Preserve.
How much longer is the Robin Falls Trail than the Fall Walk Trail?

Trail Name	Distance (miles)
Brown Way	$4\frac{1}{2}$
Fall Walk	$3\frac{1}{4}$
Red Path	$2\frac{5}{8}$
Robin Falls	$5\frac{2}{3}$

Concept Check: (5.NF.B.5)

Johnny worked $4\frac{1}{2}$ hours on Thursday. On Friday, he worked $1\frac{1}{2}$ times as many hours as he worked on Thursday. How many hours did he work on Friday?

Module 8 - Day 9

Concept Recall: (5.NBT.B.7)

It costs \$4.32 to mail a package that weighs 3 pounds. Danielle says the average price per pound is \$1.44. Her friend Gina says the price per pound is \$1.33. Which girl is correct? Explain how you found the answer.

Concept Check: (5.NF.B.6)

Jonah purchased $\frac{7}{8}$ pound of jelly beans. Jonah's sister purchased $3\frac{1}{2}$ times as many pounds of jelly beans as Jonah. How many pounds of jelly beans did Jonah's sister purchase?

Sample

Module 8 - Day 10

Concept Recall: (5.NBT.B.7)

A piece of candy weighs 0.23 ounces. How many ounces would 125 pieces of candy weigh?

- A. 2.875 ounces
- B. 28.75 ounces
- C. 287.5 ounces
- D. 2,875 ounces

Concept Check: (5.NF.B.6)

Jorge has a piece of wood that is $4\frac{3}{8}$ feet long. He needs $\frac{2}{3}$ of it for a project.

How many feet of wood does he need?

Module 8 - Day 11

Concept Recall: (5.NBT.B.7)

James is saving money to buy a new bike. The bike costs \$178.75. James has saved \$95.25 for his bike. How much more money does he need?

- A. \$83.50
- B. \$105.00
- C. \$274.00
- D. \$1131.25

Concept Check: (5.NF.B.3)

A group of 6 girls went to pick strawberries. The girls picked a total of 22 quarts of strawberries. If they divide the strawberries evenly, how many quarts will each girl take home?

Draw a representation to show your thinking.

Sample

Module 8 - Day 12

Concept Recall: (5.NBT.A.4)

Round the following number to the nearest hundredth.

415.762

- A. 415.77
- B. 415.76
- C. 415.78
- D. 400

Concept Check: (5.NF.B.3)

Josh and 4 of his friends went to a sandwich shop for lunch. They only had enough money for 3 sub sandwiches. If they divide the sandwiches evenly between the 5 boys, how much of a sandwich will each boy have to eat?

Sample

Module 8 - Day 13

Concept Recall: (5.NBT.A.3)

Which of the following answer choices is a true statement?

- A. $67.49 > 67.94$
- B. $100.09 < 100.90$
- C. $23.66 > 23.60$
- D. $511.01 = 511.10$

Concept Check: (5.NF.B.3)

There are 162 crayons in the box in the math classroom. There are 5 groups of students using the crayons. If each group has an even number of crayons, what are the most crayons that each group can have?

- A. 31 crayons
- B. 32 crayons
- C. 33 crayons
- D. 35 crayons

Module 8 - Day 14

Concept Recall: (5.NBT.B.7)

Marcellus is at the Farmers Market. He would like to purchase 3.12 pounds of bananas. The bananas cost \$0.75 a pound. How much will Marcellus have to pay for the bananas?

- A. \$2.34
- B. \$2.37
- C. \$3.87
- D. \$234.00

Concept Check: (5.NF.B.3)

There are 34 students going on a field trip for science. The students are riding in cars and 4 students will go in each car. How many cars will be needed for the students?

- A. 7
- B. 8
- C. 9
- D. 10

Sample

Module 8 - Day 15

Concept Recall: (5.NF.A.1) addition of fractions

What is the sum of $\frac{7}{12} + \frac{2}{8}$?

Concept Check: (5.NF.B.3)

A baseball team is having a year-end celebration. There are 18 boys on the team. The coach ordered 10 pizzas. How much pizza will each boy have if the pizza is divided evenly among the 18 team members?

Sample

Module 8 - Day 16

Concept Recall: (5.NF.A.1) subtraction of fractions

What is the difference of $\frac{7}{8} - \frac{3}{12}$?

Concept Check: (5.NF.B.7)

Use a model to explain the quotient of $5 \div \frac{1}{3}$.

Sample

Module 8 - Day 17

Concept Recall: (5.NF.A.2)

Dianna practiced the piano three days last week. On Tuesday she practiced for $\frac{1}{2}$ of an hour. On Friday she practiced for $\frac{3}{4}$ of an hour, and on Saturday she practiced for $1\frac{1}{3}$ hours. What was the total amount she practiced for the three days?

Concept Check: (5.NF.B.7)

Create a model to explain the quotient of $\frac{5}{4} \div 6$.

Sample

Module 8 - Day 18

Concept Recall: (5.NF.A.2)

Madison walked $1\frac{1}{2}$ miles to Lexie's house. She then walked $\frac{1}{4}$ mile to the candy store. After she followed the same route home, what was the total number of miles that Madison walked?

- A. $1\frac{1}{2}$ miles
- B. $1\frac{3}{4}$ miles
- C. $2\frac{1}{2}$ miles
- D. $3\frac{1}{2}$ miles

Concept Check: (5.NF.B.7)

There are $5\frac{1}{4}$ quarts of water to be evenly divided into 3 cans. The same amount is to be put into each. How many quarts of water will be in each can?

Sample

Module 8 - Day 19

Concept Recall: (5.NF.A.2) addition of mixed numbers

At McBryde Elementary School, there is only 1 computer lab. Last week, it was noted that $\frac{5}{12}$ of the monitors weren't working properly and $\frac{1}{6}$ of the keyboards wouldn't function. What fractional part of the entire computers needed to be repaired or replaced?

- A. $\frac{5}{12}$
- B. $\frac{7}{12}$
- C. $\frac{5}{72}$
- D. $\frac{1}{4}$

Concept Check: (5.NF.B.7)

Students are running a relay race. Each student will run $\frac{1}{2}$ mile. If the race is 15 miles long, how many students will run?

Module 8 - Day 20

Concept Recall: (5.NF.A.2) subtraction of mixed numbers

An aquarium holds $27\frac{1}{2}$ gallons of water. If there are $18\frac{3}{4}$ gallons of water in the aquarium, how many more gallons are needed to fill the aquarium?

Danielle says the answer is $9\frac{3}{4}$ gallons. Do you agree or disagree with her answer? Explain your thinking.

Concept Check: (5.NF.B.7)

Tamika is sharing a large bag of peanuts with her two friends at a baseball game. They are all very hungry, so they decided to split the bag equally. If there are $3\frac{3}{4}$ lb. of peanuts left, how many pounds will each person receive?

Sample