



Module 1 Pre-Quiz

Name: _____ Date: _____

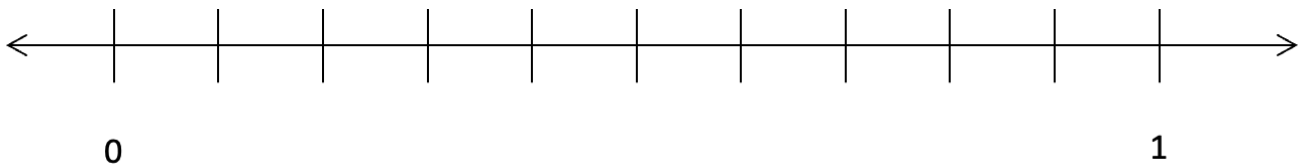
1. Plot and label the following points on the number line.

A. 0.5

B. $\frac{3}{10}$

C. 0.25

D. $\frac{4}{5}$



2. Write the following fractions as decimals.

$\frac{1}{2}$ _____

$\frac{1}{3}$ _____

$\frac{1}{4}$ _____

$\frac{1}{10}$ _____

3. This shape represents $\frac{1}{4}$. Draw $1\frac{1}{2}$.





ST Math.
Summer Immersion
Grade 5 | Quiz

Module 1 Post-Quiz

Name: _____ Date: _____

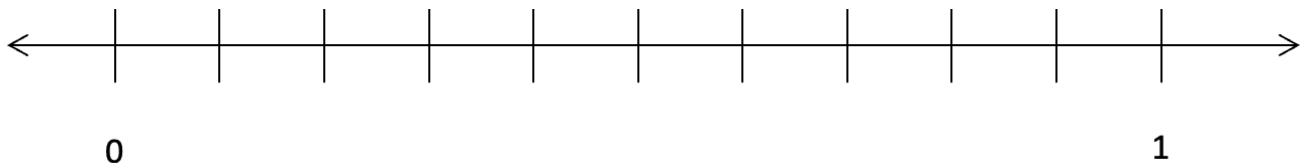
1. Plot and label the following points on the number line.

A. 0.75

B. $\frac{1}{10}$

C. 0.4

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



2. Write the following fractions as decimals.

$\frac{1}{3}$ _____

$\frac{4}{8}$ _____

$\frac{3}{4}$ _____

$\frac{1}{10}$ _____

3. This shape represents $\frac{1}{3}$. Draw $1\frac{2}{6}$.





Module 2 Pre-Quiz

Name: _____ Date: _____

1. Brad, Ryan, and Grace ate a large pizza. Brad ate $\frac{1}{4}$ of the pizza, Ryan ate $\frac{1}{2}$ of the pizza, and Grace ate the rest. How much pizza did Grace eat?
2. Logan was in a triathlon race. She had to swim for $\frac{9}{10}$ mile, bike for $24\frac{4}{5}$ miles and run for $6\frac{1}{4}$ miles. What was the total distance of the race? Show your work using decimals.
3. Write 4 fractions that are equivalent to $\frac{2}{3}$.
4. Finnie is baking a cake. She needs $\frac{3}{4}$ cup of flour but she can't find $\frac{3}{4}$ cup measuring cup. Finnie adds 2 scoops of flour using the $\frac{1}{2}$ cup measuring cup instead. Will that work for Finnie? Why or why not? What would you suggest she do?



Module 2 Post-Quiz

Name: _____ Date: _____

1. Karen, Tim, and Jacki ate a box of cookies. Karen ate $\frac{1}{6}$ of the cookies, Tim ate $\frac{4}{12}$ of the cookies, and Jacki ate the rest. What fraction of the box of cookies did Jacki eat?
2. Anjali was keeping track of how far she walked. She walked $1\frac{1}{10}$ miles on Monday, $4\frac{4}{5}$ miles on Wednesday, and $2\frac{1}{4}$ miles on Friday. What was the total distance she walked? Show your work using decimals.
3. Write 4 fractions that are equivalent to $\frac{6}{8}$.
4. Mateo is making lemonade. He needs $1\frac{1}{4}$ cup of sugar. If he can only find the $\frac{1}{8}$ cup measuring cup. What would you suggest he do?



Module 3 Pre-Quiz

Name: _____ Date: _____

1. Bella likes to run along the beach. She drinks $\frac{3}{4}$ cup of water for every mile she runs. If her water bottle holds 6 cups of water, how many miles can she run before her water bottle is empty? Prove your claim.

2. Brian's mom spent \$60 at the store. She spent $\frac{3}{4}$ of her money on clothes and the rest on shoes. How much money did she spend on clothes? Show your thinking.

3. Sarah is baking 8 batches of cookies. She needs $1\frac{1}{3}$ cup of butter for each batch. How much butter does she need to bake her cookies? Show your thinking.



Module 3 Post-Quiz

Name: _____ Date: _____

1. Aleki likes to run at the park. He drinks a $\frac{2}{3}$ cup of water for every mile he runs. If his water bottle holds 6 cups of water, how many miles can he run before his water bottle is empty? Prove your claim.

2. Brian's mom spent \$40 at the grocery store. She spent $\frac{1}{4}$ of her money on fruits and vegetables and the rest on meat. How much money did she spend on fruits and vegetables? Show your thinking.

3. Sarah is baking 4 pans of brownies for a bake sale. She needs $1\frac{1}{3}$ cups of flour for each pan of brownies. How much flour does she need to bake all of the brownies? Show your thinking.



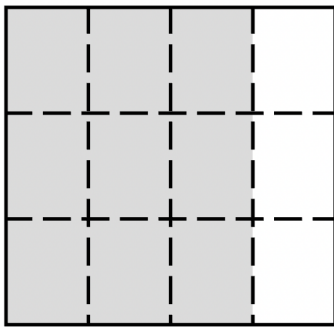
Module 4 Pre-Quiz

Name: _____ Date: _____

1. A small dog eats a $\frac{3}{4}$ cup of food each day. How many servings are in a bag with 9 cups of food? Show your thinking.

2. Arman is planting a garden. The shaded part of the picture shows how much has already been planted. If he plants a $\frac{1}{3}$ of the unplanted part tomorrow, how much of the total garden will be unplanted? Show your thinking.

Arman's Garden



3. How many $\frac{1}{3}$ cup servings are in a 6 cup container of peanuts? Show your thinking.

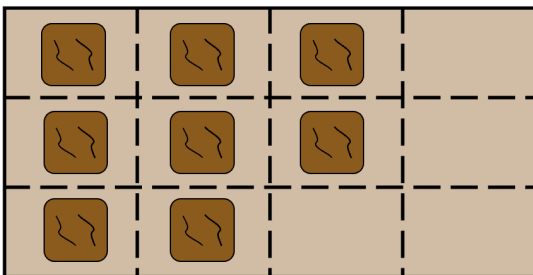


Module 4 Post-Quiz

Name: _____ Date: _____

1. Jayme needs a $\frac{1}{3}$ yard of ribbon for each hair bow she makes. How many hair bows can she make if she has 8 yards of ribbon? Show your thinking.

2. Aleki had a box of chocolate. The picture shows how much has already been eaten. If he gives away $\frac{1}{2}$ of what is left, what fraction of the total box of chocolate will he have left? Show your thinking.



3. How many $\frac{3}{4}$ cup servings are in a 6-cup bag of raisins? Show your thinking.



Module 5 Pre-Quiz

Name: _____ Date: _____

1. Mateo had 3 apple pies to share at his birthday party. There are 11 guests at the party plus Mateo. If he wants everyone to get an equal share and he wants the pies to be all gone. How many slices should he cut in each pie? Show your thinking.

2. Jennifer wants to pour 8 glasses of lemonade from the pitcher of lemonade. If each glass holds $1\frac{1}{2}$ cup, how much lemonade will she need? Show your thinking.

3. Draw a number line. Use dots to show the location of the product of these fractions.

$$4 \times \frac{2}{6} = \underline{\hspace{2cm}}$$

$$2 \times \frac{3}{12} = \underline{\hspace{2cm}}$$



Module 5 Post-Quiz

Name: _____ Date: _____

1. Cindy had 4 boxes of colored pencils. Each box has 12 pencils. If she wants to share the pencils equally with herself and her 5 friends. What fraction of the total number of colored pencils will each person get?

2. Kevin wants to add 4 gallons of water to his pool. If his pail holds $1\frac{3}{4}$ gallons, how many pails of water will he need? Show your thinking.

3. Draw a number line. Use dots to show the location of the product of these fractions.

$$3 \times \frac{3}{4} = \underline{\hspace{2cm}}$$

$$6 \times \frac{2}{8} = \underline{\hspace{2cm}}$$