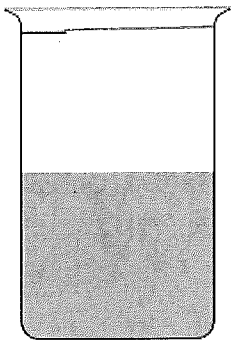
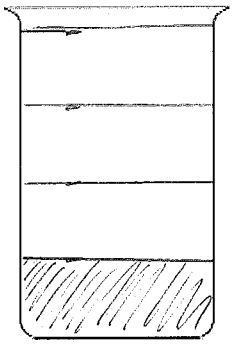
Name _____ Date _____

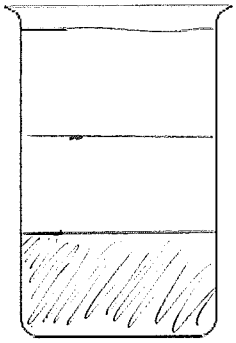
1. A beaker is considered full when the liquid reaches the fill line shown near the top. Estimate the amount of water in the beaker by shading the drawing as indicated. The first one is done for you.



1 half



1 fourth

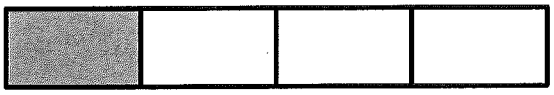


1 third

2. Juanita cut her string cheese into equal pieces as shown in the rectangles below. In the blanks below, name the fraction of the string cheese represented by the shaded part.

1 third

1 sixth



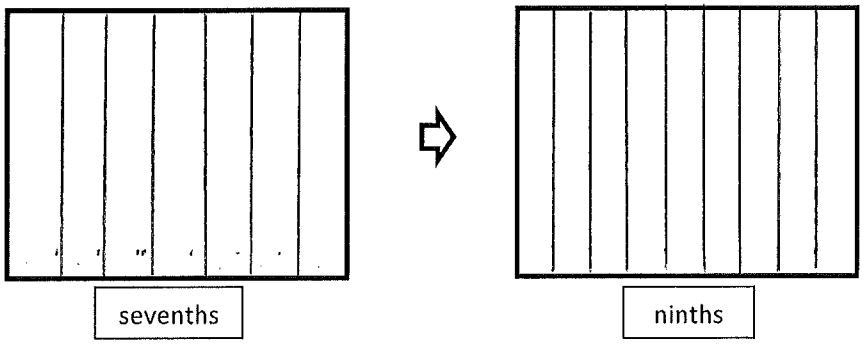
1 fourth

3. In the space below, draw a small rectangle. Estimate to split it into 2 equal parts. How many lines did you draw to make 2 equal parts? What is the name of each fractional unit?

- Draw another small rectangle. Estimate to split it into 3 equal parts. How many lines did you draw to make 3 equal parts? What is the name of each fractional unit?

- Draw another small rectangle. Estimate to split it into 4 equal parts. How many lines did you draw to make 4 equal parts? What is the name of each fractional unit?

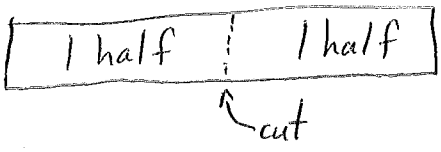
4. Each rectangle represents 1 sheet of paper. Estimate to show how you would cut the paper into fractional units as indicated below.



- What do you notice? How many lines do you think you would draw to make a rectangle with 20 equal parts?

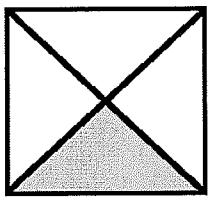
19 lines

5. Rochelle has a strip of wood 12 inches long. She cuts it into pieces that are each 6 inches in length. What fraction of the wood is one piece? Use your yellow strip from the lesson to help you. Draw a picture to show the piece of wood and how Rochelle cut it.



Name _____ Date _____

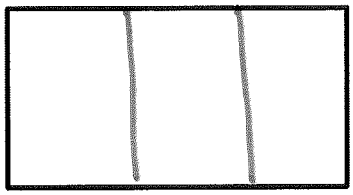
1. Name the fraction that is shaded



$\frac{1}{4}$ a

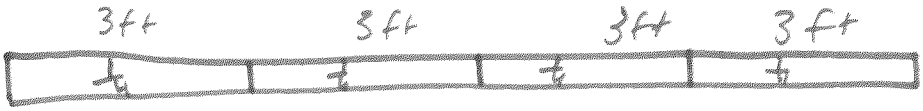
1 fourth

2. Estimate to partition the rectangle into thirds



3 equal pieces

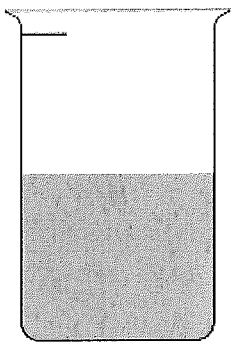
3. A plumber has 12 feet of pipe. He cuts it into pieces that are each 3 feet in length. What fraction of the pipe would one piece represent? (Use your yellow strip from the lesson to help you.)



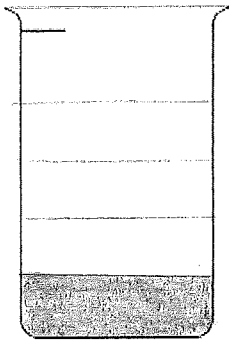
Each piece is $\frac{1}{4}$ of the pipe.

Name _____ Date _____

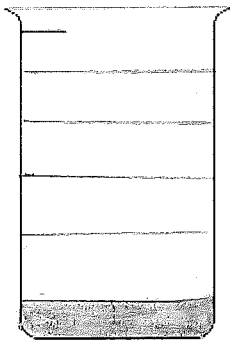
1. A beaker is considered full, when the liquid reaches the fill line shown near the top. Estimate the amount of water in the beaker by shading the drawing as indicated. The first one is done for you.



1 half



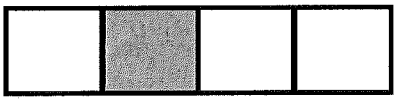
1 fifth



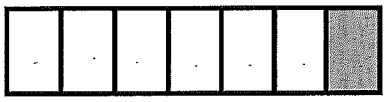
1 sixth

2. Danielle cut her candy bar into equal pieces as shown in the rectangles below. In the blanks below, name the fraction of candy bar represented by the shaded part.

1 third

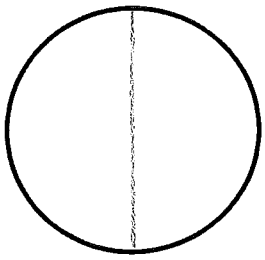


1 fourth

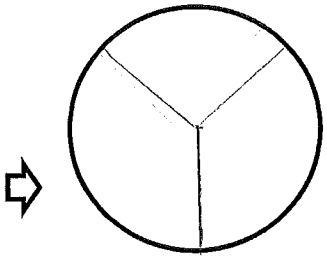


1 Seventh

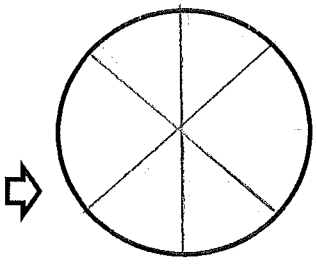
3. Each circle represents 1 whole pie. Estimate to show how you would cut the pie into fractional units as indicated below.



halves

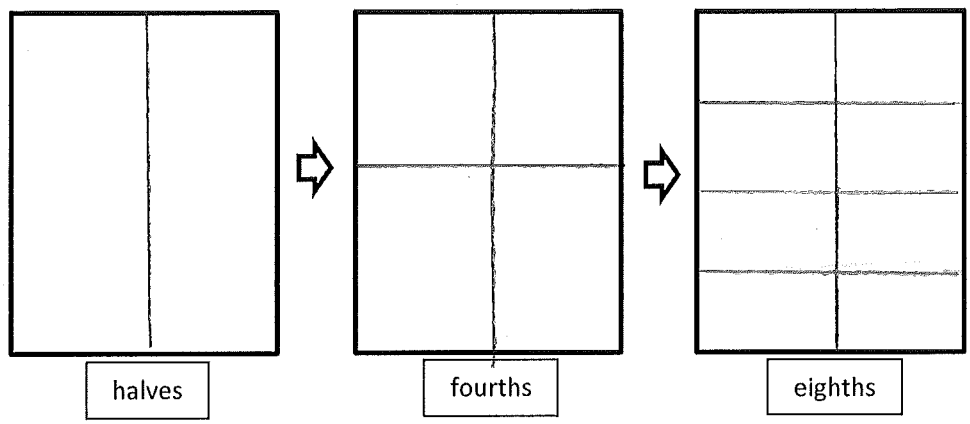


thirds

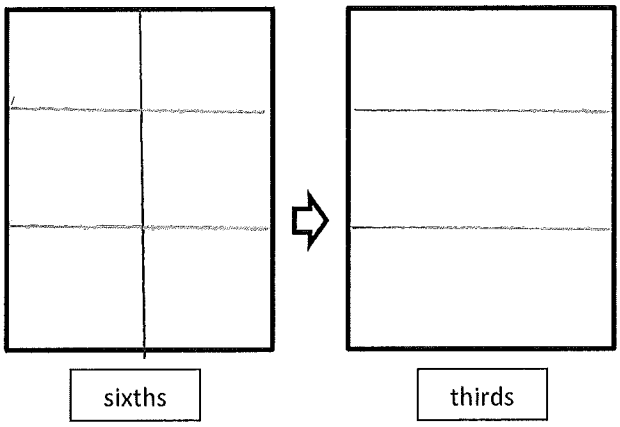


sixths

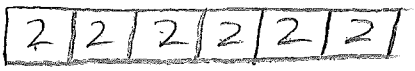
4. Each rectangle represents 1 sheet of paper. Estimate to draw lines to show how you would cut the paper into fractional units as indicated below.



5. Each rectangle represents 1 sheet of paper. Estimate to draw lines to show how you would cut the paper into fractional units as indicated below.

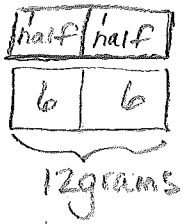


6. Yuri has a rope 12m long. He cuts it into pieces that are each 2m long. What fraction of the rope is one piece? (Use your yellow strip from the lesson to help you.) Draw a picture.



1 Sixth

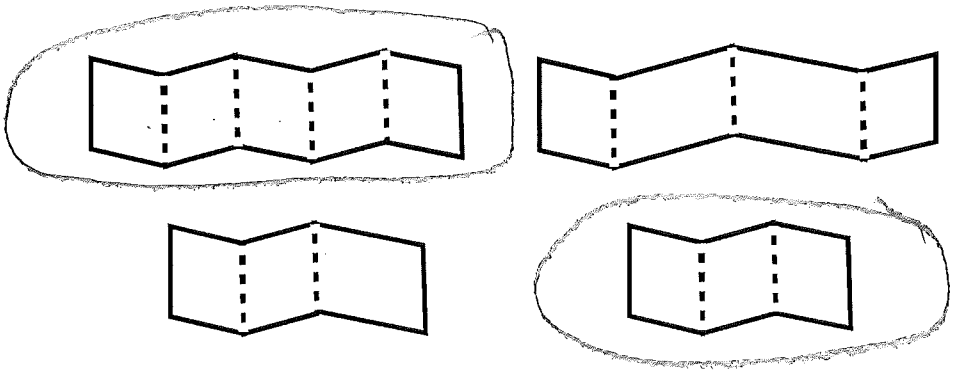
7. Dawn bought 12 grams of chocolate. She ate half of the chocolate. How many grams of chocolate did she eat?



She ate 6 grams of Chocolate.

Name _____ Date _____

1. Circle the strips that are folded to make equal parts.



2.

a. There are 4 equal parts in all. 2 are shaded.

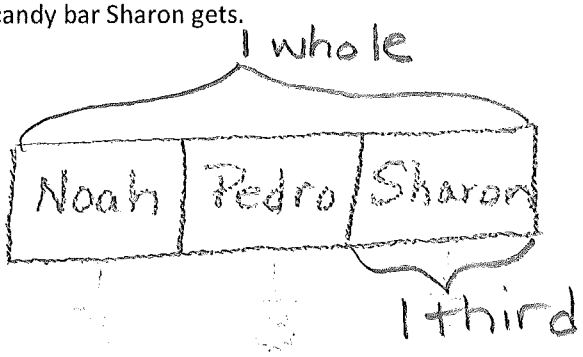
b. There are 6 equal parts in all. 5 are shaded.

c. There are 7 equal parts in all. 3 are shaded.

d. There are 7 equal parts in all. 0 are shaded.

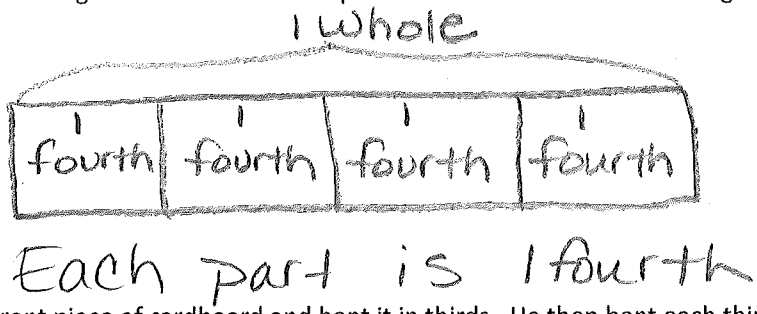
For the following problems, use your fraction strips as tools to help you.

3. Noah, Pedro, and Sharon want to share a whole candy bar fairly. Which of your fraction strips shows how they can each get an equal part? Draw the candy bar below. Label to show who gets which part. Label the fraction of the candy bar Sharon gets.

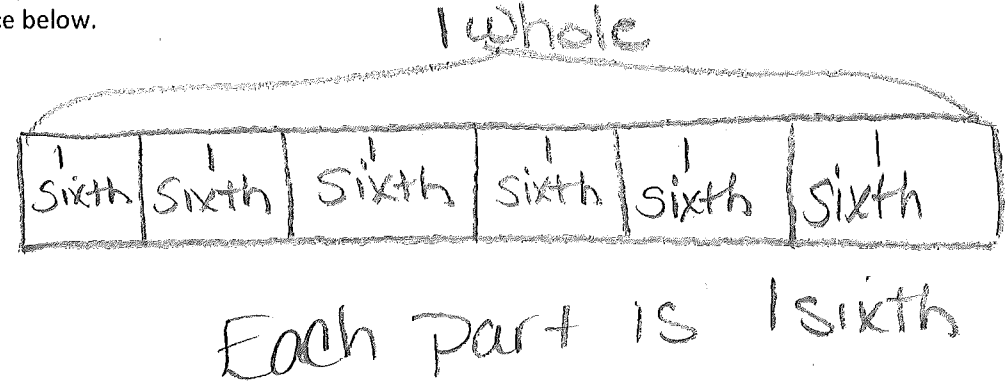


4. To make a small playhouse for his toy truck, Zeno took a rectangular piece of thin cardboard and bent it in half. He then bent each half in half again. Which of your fraction strips matches this story well?

   a. What fraction of the original cardboard is each part? Draw and label the matching fraction strip below.

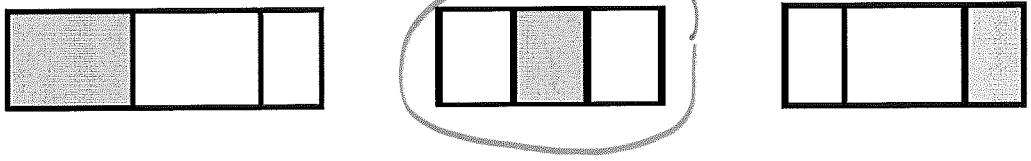


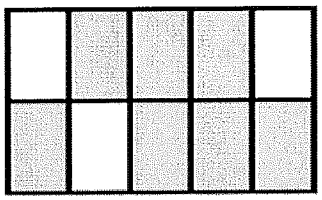
   b. Zeno took a different piece of cardboard and bent it in thirds. He then bent each third in half again. Which of your fraction strips matches this story well? Draw and label the matching fraction strip in the space below.



Name _____ Date _____

1. Circle the model that shows one third.



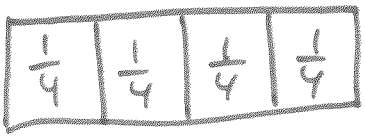


↖ Don't know why the numbers were here. I whited them out.

There are 3 equal parts in all. 1 is shaded.

2. Michael bakes a piece of garlic bread for dinner. He shares it equally with his three sisters. Show how Michael and his three sisters can each get an equal share of the garlic bread.

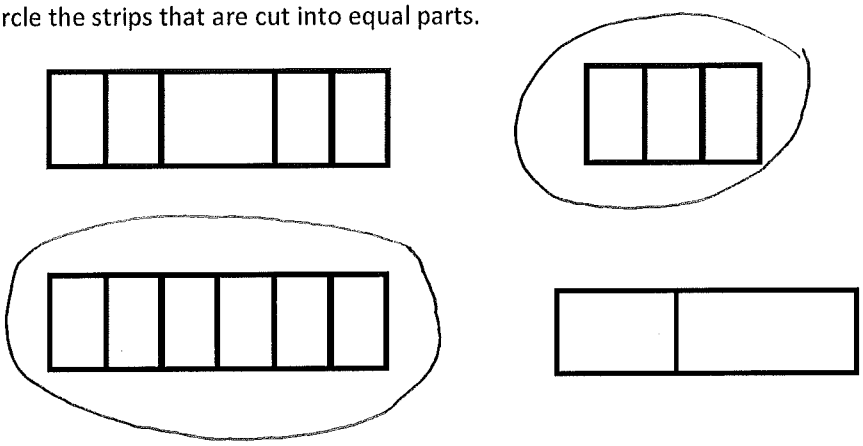
How many people? 4



Each can have $\frac{1}{4}$ of a piece.

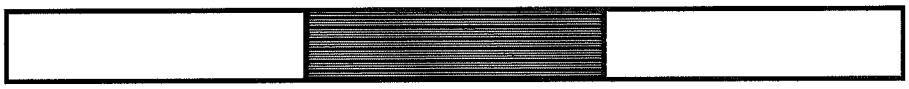
Name _____ Date _____

1. Circle the strips that are cut into equal parts.



2. 

a. There are 2 equal parts in all. 1 are shaded.

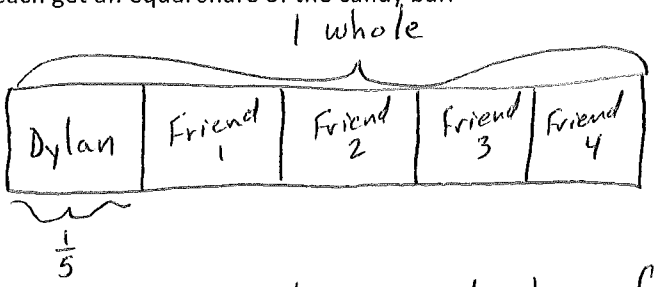


b. There are 3 equal parts in all. 1 are shaded.

c. There are 5 equal parts in all. 1 are shaded.

d. There are 14 equal parts in all. 7 are shaded.

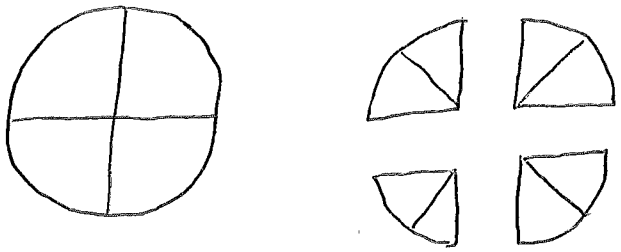
3. Dylan plans to eat $\frac{1}{5}$ of his candy bar. His 4 friends want him to share the rest equally. Show how Dylan and his friends can each get an equal share of the candy bar.



Dylan and his friends will each get $\frac{1}{5}$ of the candy bar.

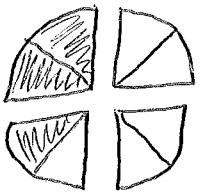
4. Nasir baked a pie and cut it in fourths. He then took each of the pieces and cut them in half.

   a. What fraction of the original pie does each piece represent?



Each piece represents $\frac{1}{8}$ of the original pie.

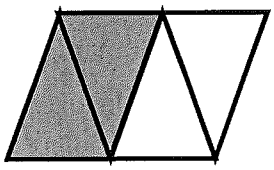
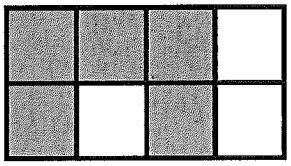
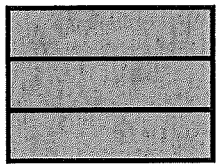
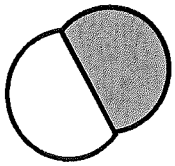
   b. Nasir ate one piece of pie on Wednesday and two pieces on Tuesday. What fraction of the original pie was not eaten?



$\frac{5}{8}$ of the pie was not eaten.

Name _____ Date _____

1. Each shape is a whole divided into equal parts. Name the fractional unit and then count and tell how many of those units are shaded. The first one is done for you.

The unit is 1 fourth.

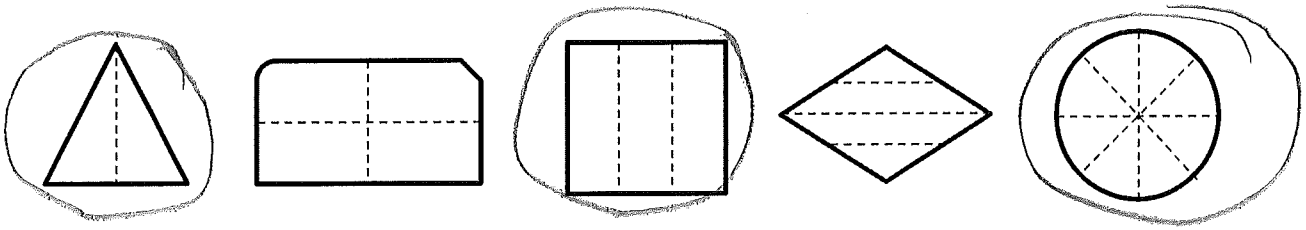
2 fourths are shaded.

The unit is 1 eighth. 5 eighths are shaded

The unit is 1 third. 3 thirds are shaded

The unit is 1 half. 1 half is shaded

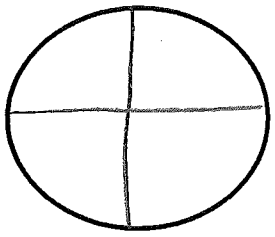
2. Circle the shapes that are divided into equal parts. Write a sentence telling what "equal parts" means.



Equal parts means that the pieces are the same size and same shape.

3. Each shape is 1 whole. Estimate to divide each into 4 equal parts. Name the fractional unit below.





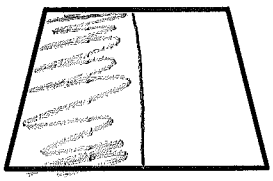
1 fourth

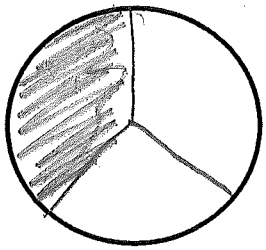
1 fourth

1 fourth

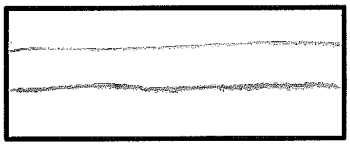
4. Each shape is 1 whole. Divide and shade to show a fractional unit of:

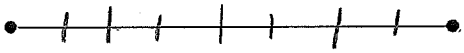
A half A sixth A third

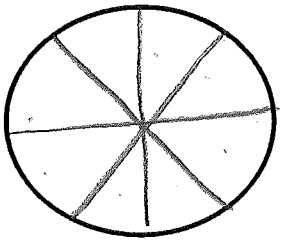




5. Each shape is 1 whole. Estimate to divide each into equal parts (Do not draw fourths.). Divide each whole using a different fractional unit. Write the name of the fractional unit on the line below the shape.







1 third 1 eighth 1 eighth

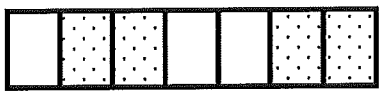
6. Charlotte wanted to equally share a candy bar with her 4 other friends. Draw Charlotte's candy bar. Show how she can divide her candy bar so that Charlotte and her 4 friends each get an equal share. What fraction of the candy bar does each girl receive?

one fifth

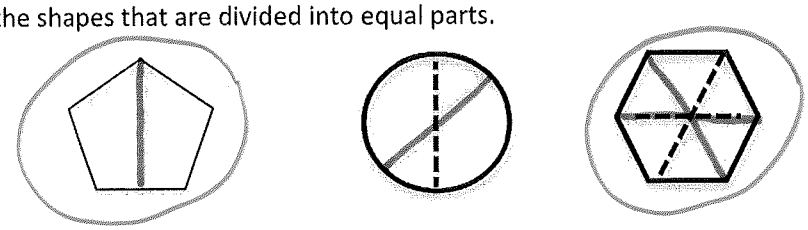
1 candy bar

Each girl receives 1 fifth.

Name _____ Date _____

1.  4 sevenths are shaded.

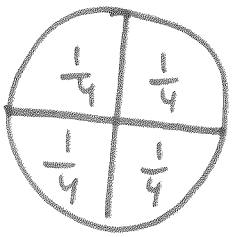
2. Circle the shapes that are divided into equal parts.



3. Steven wants to equally share his pizza with his 3 sisters. What fraction of the pizza do he and each sister receive?

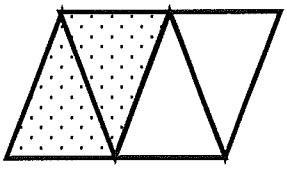
How many people? 4

He and each sister receive 1/4 of a pizza.



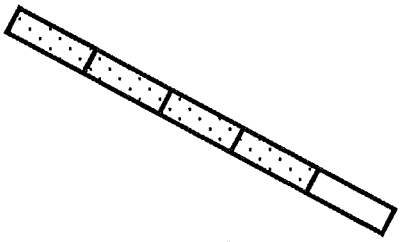
Name _____ Date _____

1. Each shape is a whole divided into equal parts. Name the fractional unit and then count and tell how many of those units are shaded. The first one is done for you.

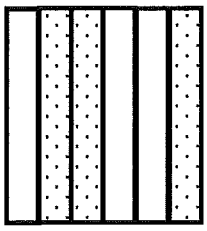


The unit is 1 fourth.

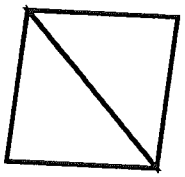
2 fourths are shaded.



The unit is 1 fifth. 4 fifths are shaded.

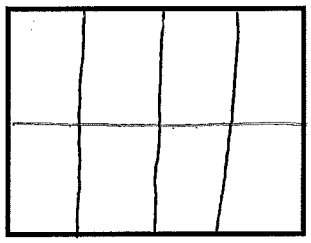


The unit is 1 sixth. 3 sixths are shaded.



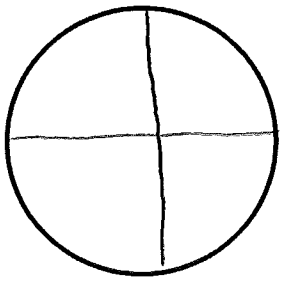
The unit is 1 half. 0 halves are shaded.

2. Each shape is 1 whole. Estimate to divide each into equal parts. Divide each whole using a different fractional unit. Write the name of the fractional unit on the line below the shape.



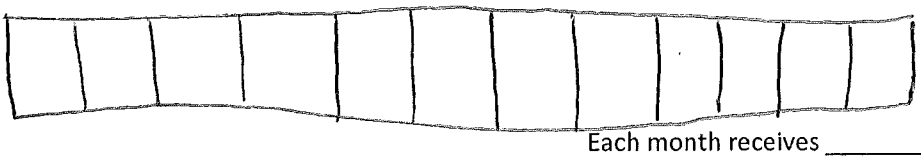
1 eighth

1 half



1 fourth

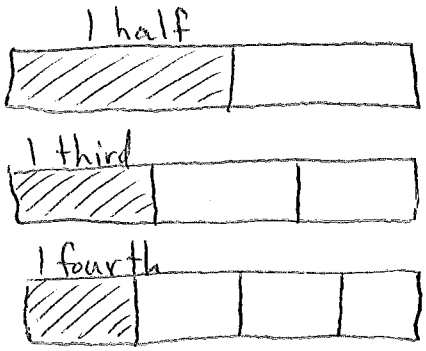
3. An artist wants to draw a calendar on one sheet of paper to show each month of the year. Draw the artist's calendar. Show how he can divide his calendar so that each month is given the same space. What fraction of the calendar bar does each month receive?



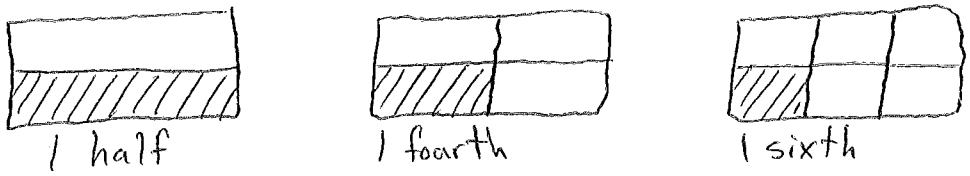
Each month receives $\frac{1}{12}$.

Name _____ Date _____

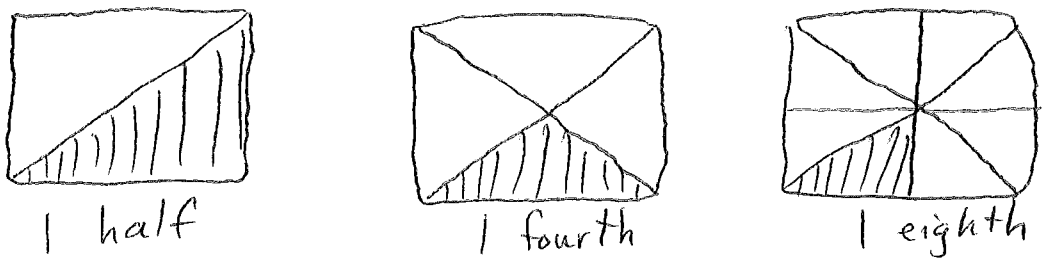
A. Draw a picture of the yellow strip at 3 (or 4) different stations. Shade and label one fractional unit of each.



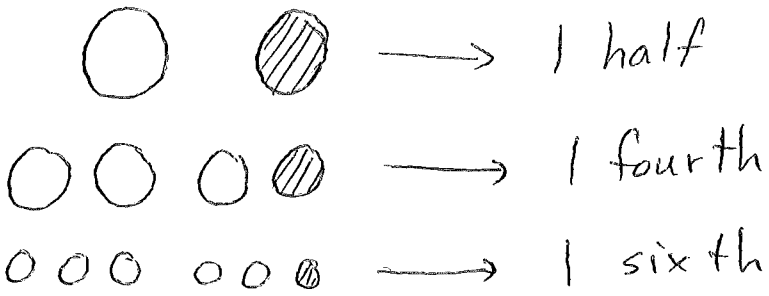
B. Draw a picture of the brown bar at 3 (or 4) different stations. Shade and label one fractional unit of each.



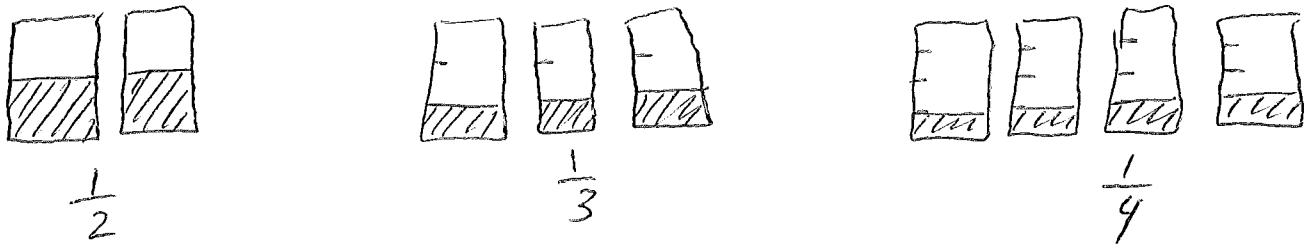
C. Draw a picture of the square at 3 (or 4) different stations. Shade and label one fractional unit of each.



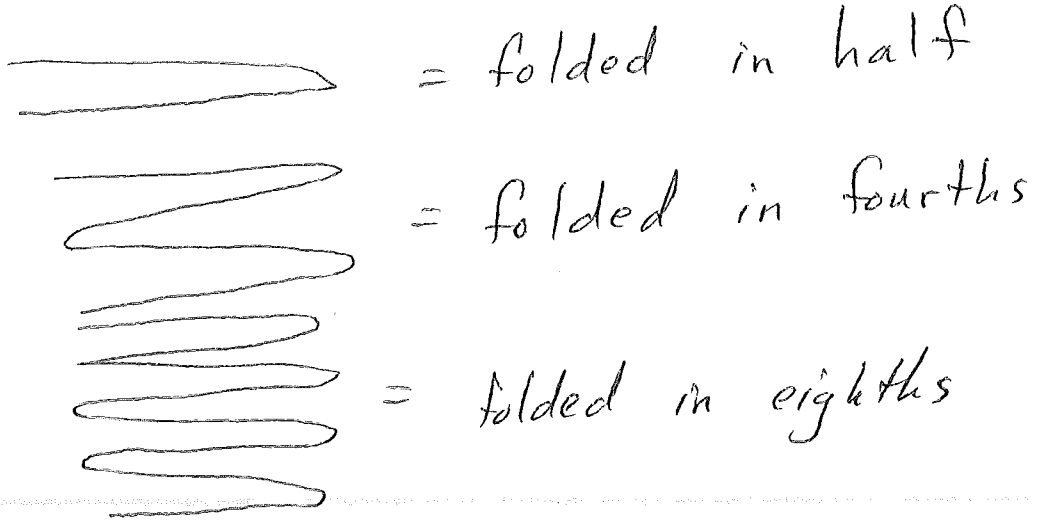
D. Draw a picture of the clay at 3 (or 4) different stations. Shade and label one fractional unit of each.



E. Draw a picture of the water at 3 (or 4) different stations. Shade and label one fractional unit of each.



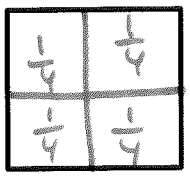
F. Challenge: Draw a picture of the yarn at 3 (or 4) different stations.



Name _____ Date _____

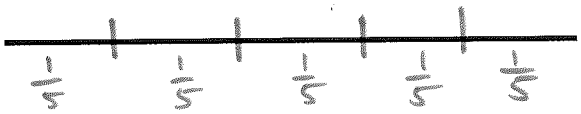
Each shape is 1 whole. Estimate to equally partition the image to show the fractional unit of:

1. $\frac{1}{4}$

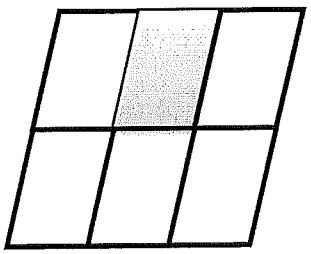


← Pretend they are all equal.

2. $\frac{1}{5}$



3. The shape represents 1 whole. Write the fractional unit of the shaded part.

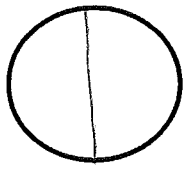


The shaded part is $\frac{1}{6}$ one sixth

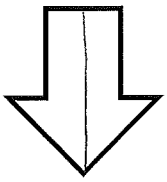
Name _____ Date _____

Each shape is 1 whole. Estimate to equally partition the following images to show the fractional unit of:

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

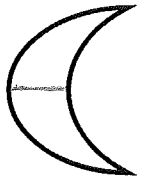


A



B

C



D

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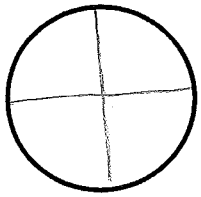
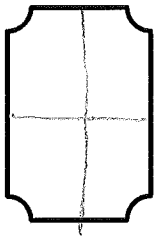
2. $\frac{1}{4}$

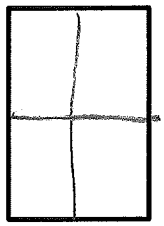


A

B



C



D

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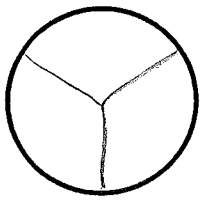
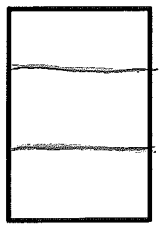
3. $\frac{1}{3}$



A

B

C



D

4. Each of the shapes represent 1 whole. Match each shape to its unit fraction.