



Fractions

2.G.A.3

Comparing Fractions

Fractions do not have to have the same shape in order to be equal.

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

$\frac{1}{2}$ = $\frac{1}{2}$

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

If the wholes are the same size, then the pieces will be equal. It does not matter what the shape of the piece looks like as long as the wholes are the same size, and they are divided into the same number of pieces.



Digital Lesson & Printable Recording Sheet

Vocabulary

Match the vocabulary card to the definition.

Whole



All of an object

Thirds



3 equal pieces of the same object

Halves



2 equal pieces of the same object

Fourths



4 equal pieces of the same object

Let's Watch!

Watch the video about fractions.

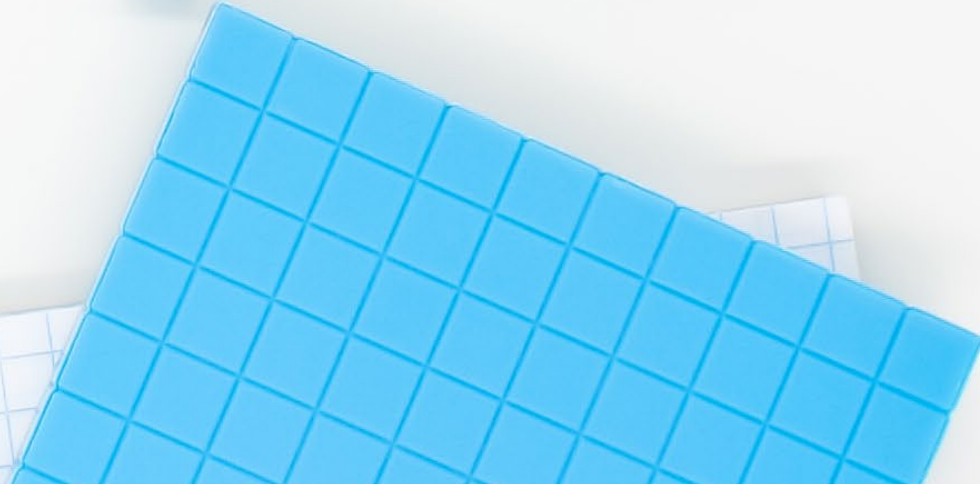


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CENTIMETERS 2 3

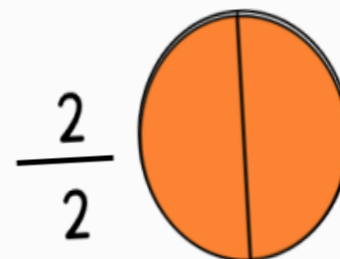
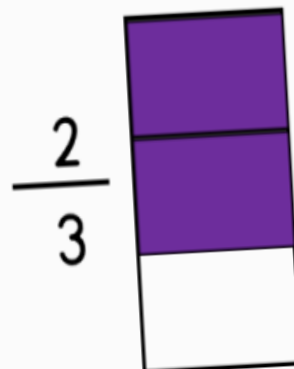
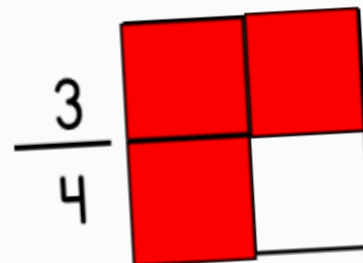
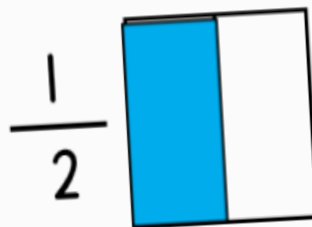
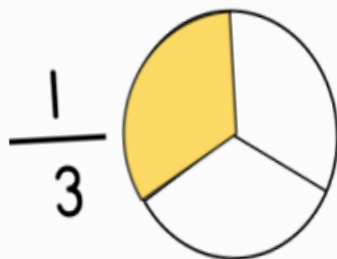
20 21 22 23 24 25 26 27

120 130 140 150 160 170 180
0 INCHES
10 20 30 40 50 60



Explore

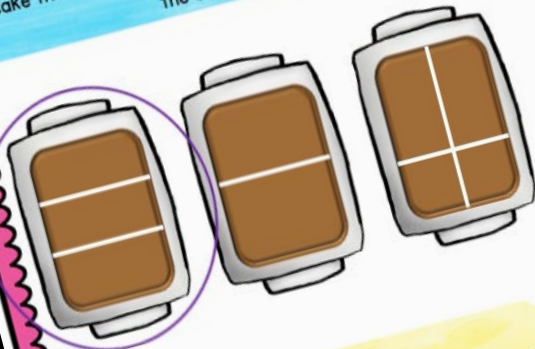
Drag and drop the pieces to shade in the fraction for each shape.



Explore

Read the problems below and answer the questions.

Keenan made a birthday cake for his 3 dogs. Circle the cake that is divided in a way so that each dog would get the same amount.



How do you know?

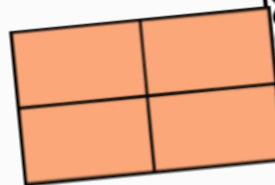
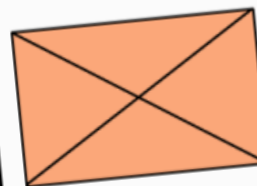
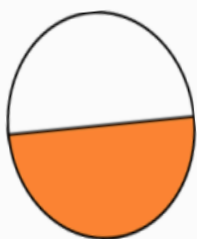
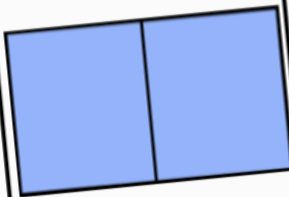
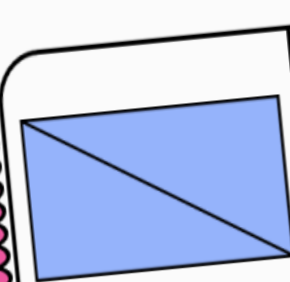
Meredith shared her chocolate bar with 3 friends. She divided it like this. Write the fraction that represents the piece each friend would get.



How do you know?

Explore

Drag and drop the shape that shows equal fractions into the empty side of the boxes.



CENTIMETERS 2 3

20 21 22 23 24 25 26 27

120 130 140 150 160 170 180
0 INCHES
1 2 3 4 5 6 7 8 9 10

Name: _____ Date: _____

Fractions Lesson Recording Sheet: Day 1

Vocabulary: Match the vocabulary words to the definition.

Whole

4 equal pieces of the same object

Halves

All of an object

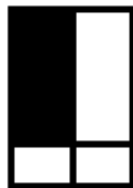
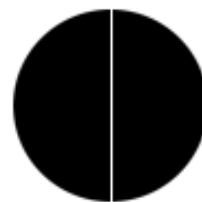
Thirds

3 equal pieces of the same object

Fourths

2 equal pieces of the same object

Explore: Circle the shapes that are fractions below.



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Name: _____ Date: _____

Fractions Lesson Recording Sheet: Day 1

Explore: Draw the shapes in the correct columns for halves, thirds and fourths.

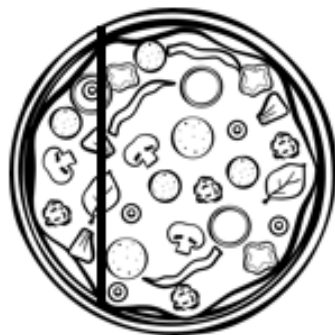
Halves

Thirds

Fourths

Collaborate & Share: Work with a partner or your group to solve the problem Steve and Raul are having with their pizza below. Then, write an explanation to the class about how you divided up the pizza.

Steve is sharing his pizza with his little brother Raul. His mom said to share it equally. Steve divided up the pizza at the purple line. Is this equal? If not, use the blue line to show how Steve should have divided the pizza.



I divided the pizza into...

