

# **Chocolate Fractions, Part One:**

## **Is My Child Ready for This?**



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You may be asking yourself, “How do I know if my child is ready for fractions?” Here are a few prerequisites that your child needs before fully understanding the concepts involved in working with fractions.

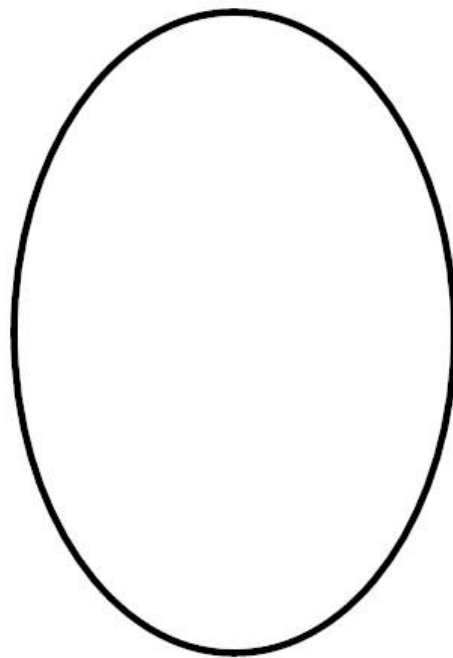
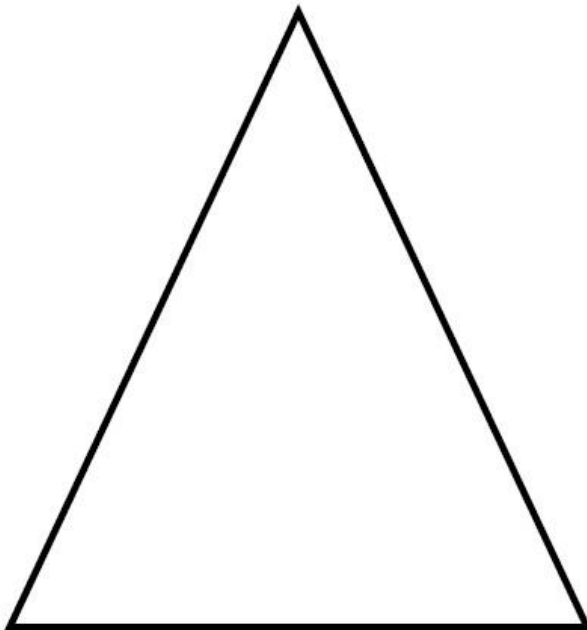
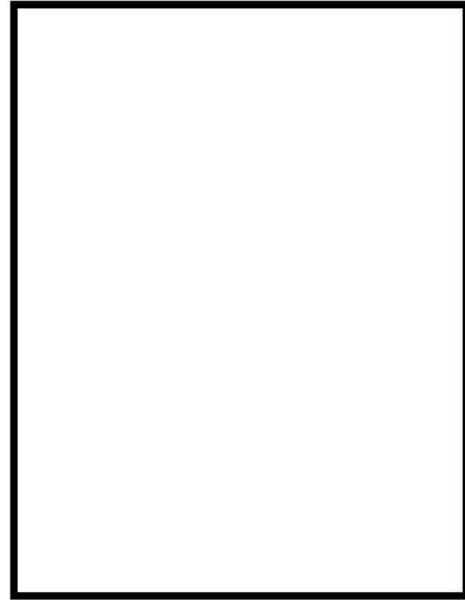
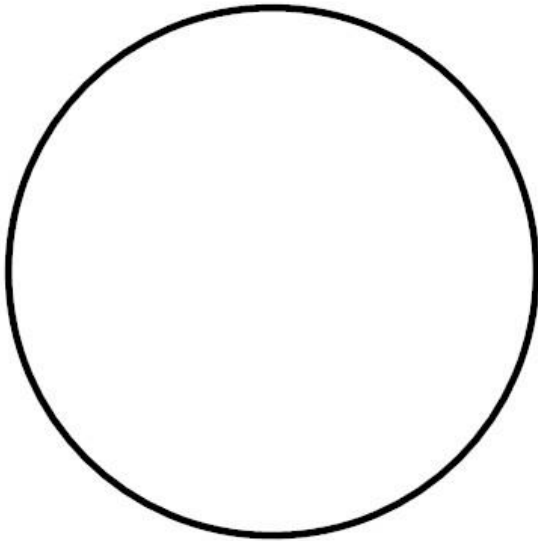
- ❖ Does your child understand equal parts?
- ❖ Does your child understand unequal parts?

A way to assess your child’s knowledge of these two areas is by having them cut and fold objects on paper into equal or unequal parts. They can also look at a collection of objects on paper that are equal or unequal and identify which is which.

Here are some activities to get you started:

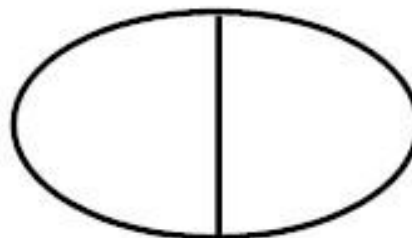
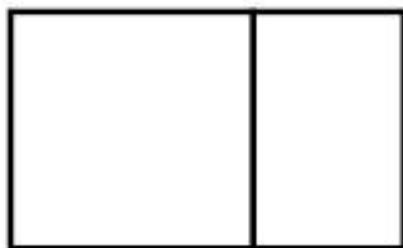
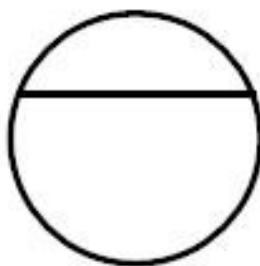
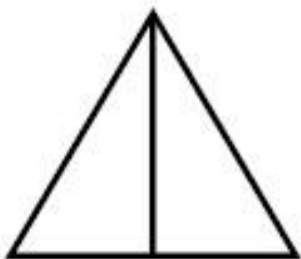
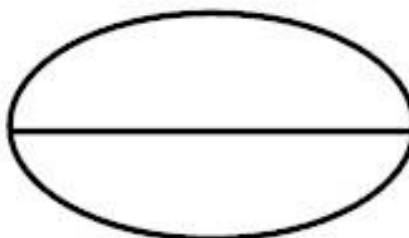
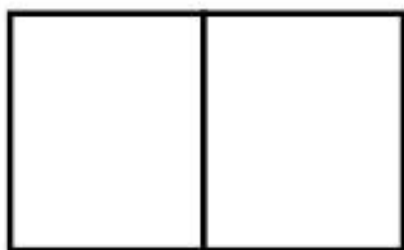
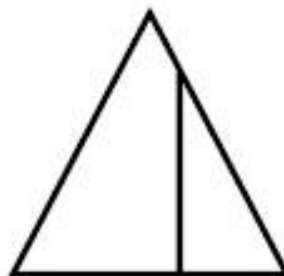
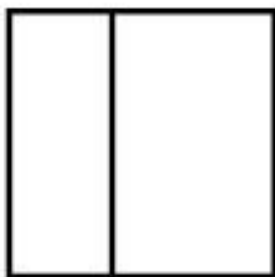
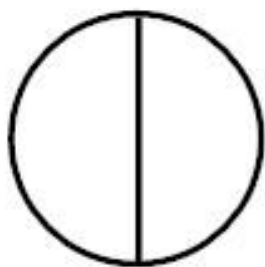
Take page #3 of this PDF and have your child cut out and fold the shapes into equal parts. Another approach is for you to have the shapes cut out and folded beforehand. Your child should be able to identify equal parts and put into their own words why they are equal. By the same token, they should be able to identify unequal parts and explain in their own words why they are unequal.

Run three copies. Cut out the shapes and fold them in different ways. Have your child be able to tell you in their own words if the folded shapes you show them are equal or unequal.

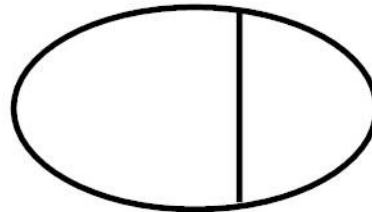
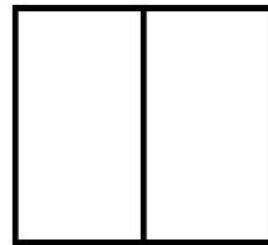
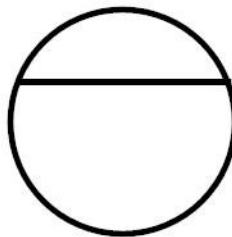
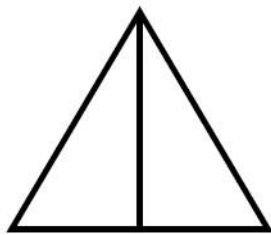
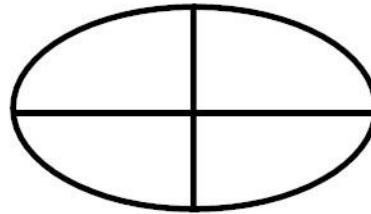
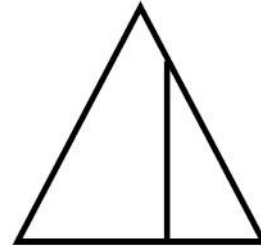
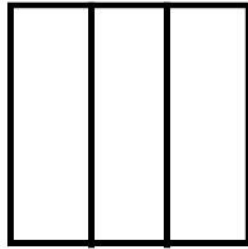
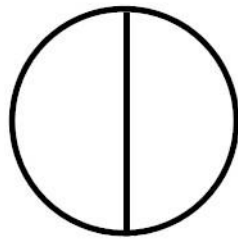


Have your child respond to the following activity sheet.

Circle the shapes below that have been divided into equal parts. Put an X over the ones that are divided into unequal parts.



Place a large number "2" over the shapes on this page that have been divided into 2 equal parts. Place a large number "3" over the shapes that are divided into three equal parts. Place a large number "4" over the shapes that are divided into 4 equal parts. Finally, place a large "0" over those shapes that are not divided into equal parts.



## **Discuss with Your Child**

If I were to cut a candy bar in half, how would I decide to slice it?

When you share a candy bar with someone, why is it important to divide the candy bar into two equal pieces? What does equal mean to you?

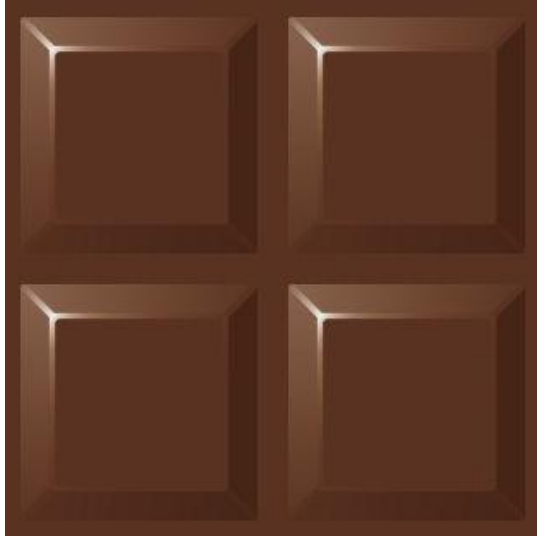
Has a pizza ever been delivered to your house and the pizza was not divided equally? If so, how could you tell the pieces weren't equal? How can you tell when the pieces are equal?

On your birthday, why is it important to cut your cake into even pieces? If you were to get a smaller piece, how would you know? How would you feel? Would you want your friend to get a smaller piece?

Name some other things that should be divided into equal pieces.

It is important that your child understand these concepts. A clear understanding leads to better understanding of fractions, time, measurement, and money.

Take the following candy bars that have been scored into smaller pieces and have your child cut the first one into equal halves. If they are able to do that correctly, ask them to cut the second one into four equal parts.



If your child has been able to do the activities in this eBook, they are ready for learning fractions. Teacher Book Bag has created a series of lessons for instruction and reinforcement so that your child gradually grows in their knowledge of fractions. There are ten sections in all. We have priced them affordably at \$0.50 each. We provide step-by-step instruction for you to best present the collection. We will also give suggestions and materials needed for alternative teaching styles to best meet your child's needs.

Your child will love **Chocolate Fractions**. You may even consider looking at out **Papa Paulo's Pizzeria** also put out by [Teacher Book Bag](#) that helps reinforce fractions by using pizza.

If your child is not ready for fractions, continue to practice the activities in this free introduction. They will reach the point where they are ready to move further.

Contact us if we can offer further assistance.

Enjoy!

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