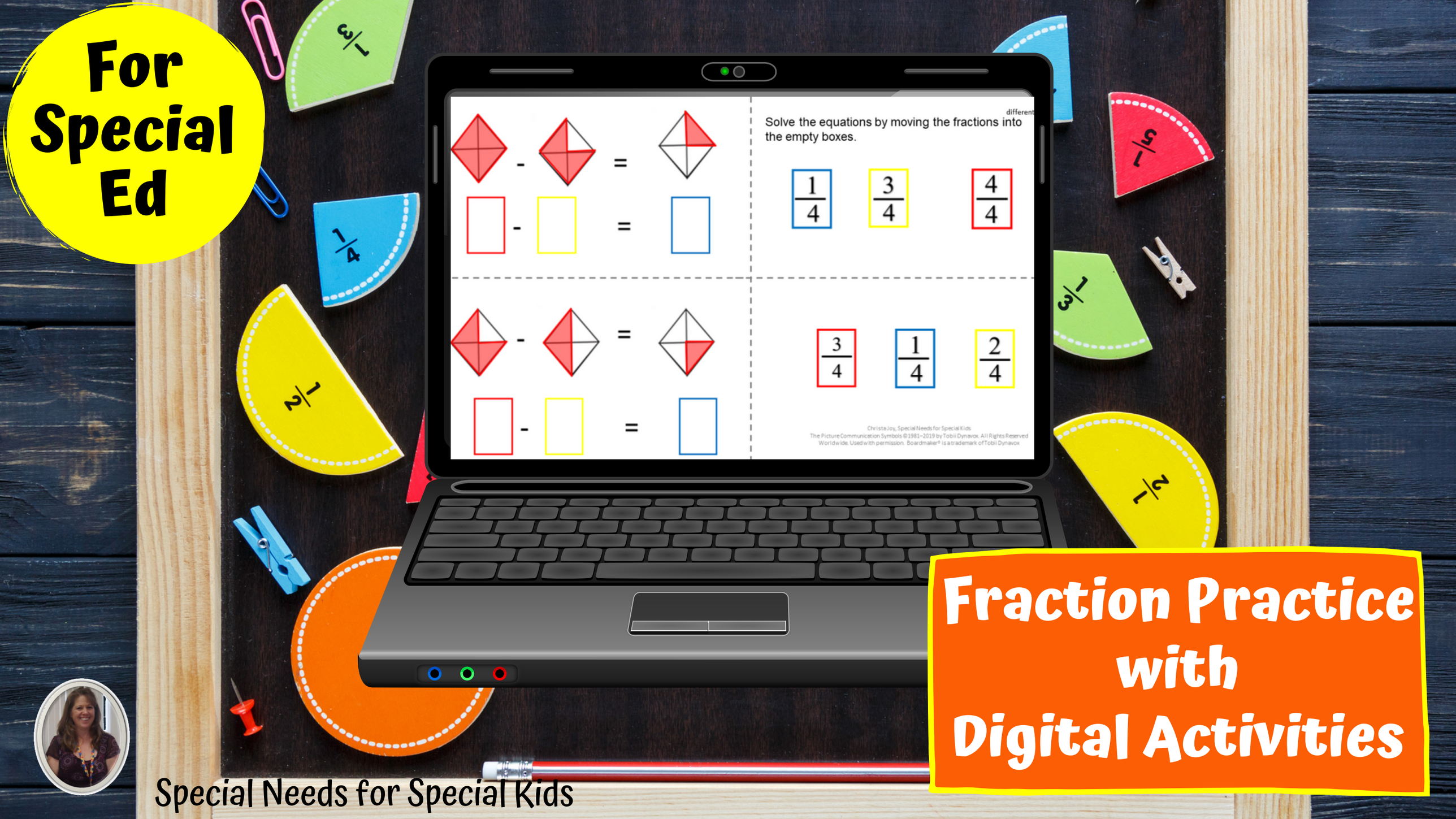
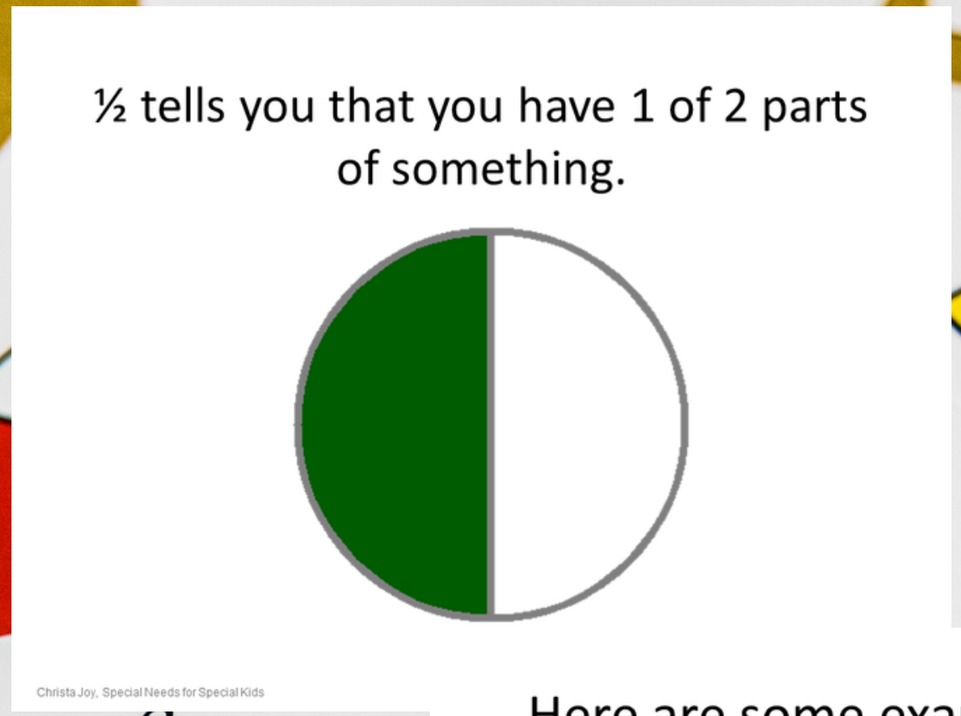

For Special Ed
Solve the equations by moving the fractions into the empty boxes.
1/4
3/4
4/4
3/4
1/4
2/4
Christa Joy, Special Needs for Special Kids
Fraction Practice with Digital Activities
Special Needs for Special Kids

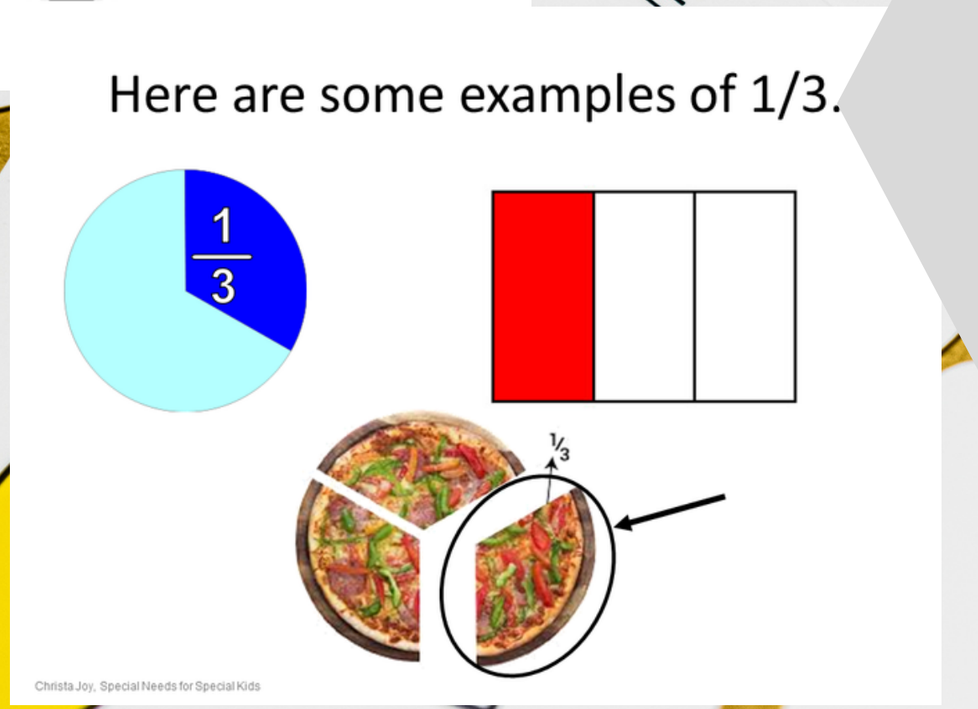
This resource was created with this guy in mind. He has autism and an intellectual disability. He is a non-reader and struggles with the difference between half and third, BUT he is able to do these activities. He is my tester!!

Table of Contents

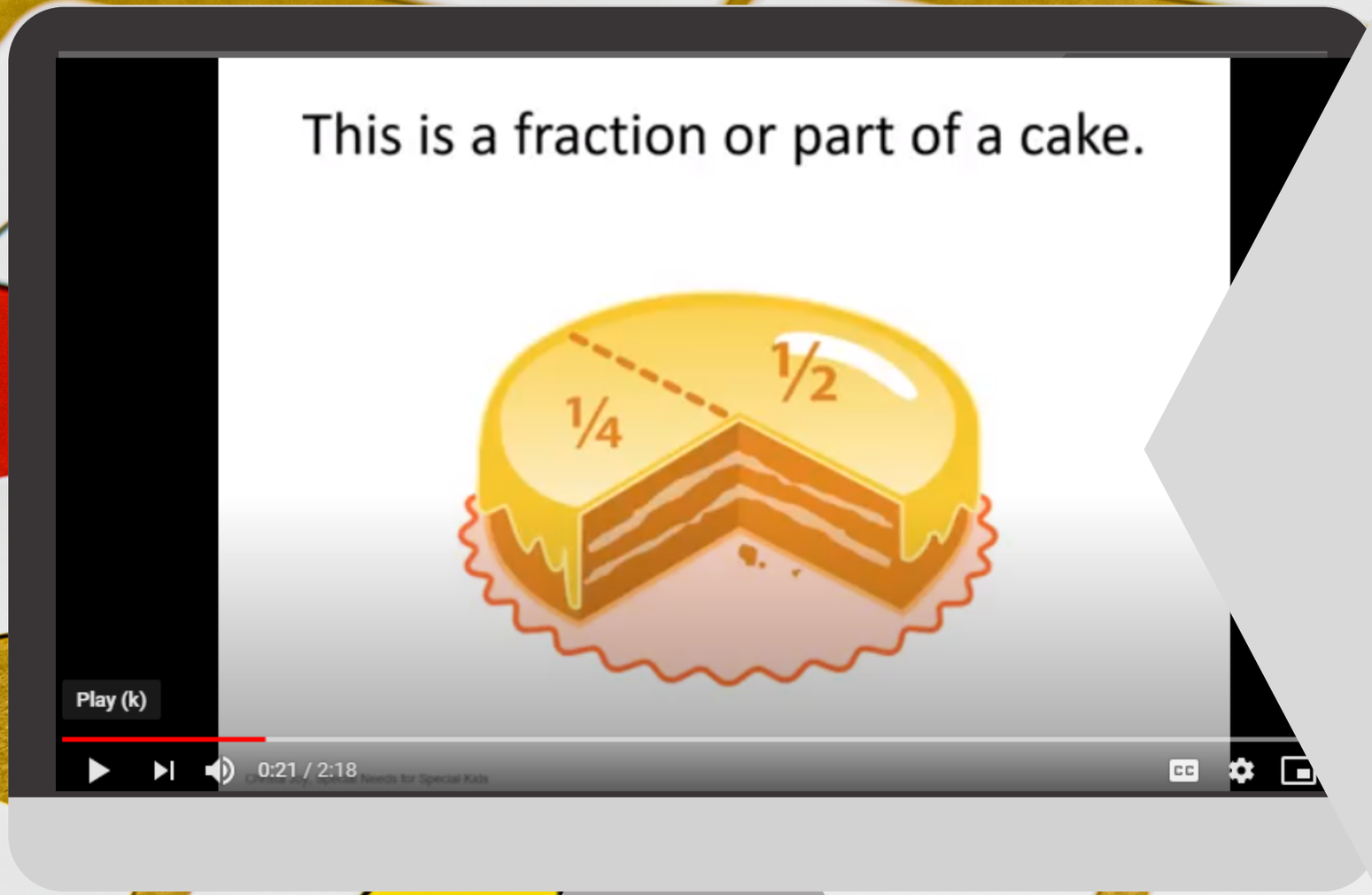
In a separate file are directions on how to access the digital activities included in this unit.

This unit contains almost 50 pages of material plus 30 google slide activities, many that come in a differentiated version.





This unit contains a short 15 page book that introduces common fractions.



There is an mp4 version of the book which you can play in a google slide or assign for students to watch and listen to in google classroom.

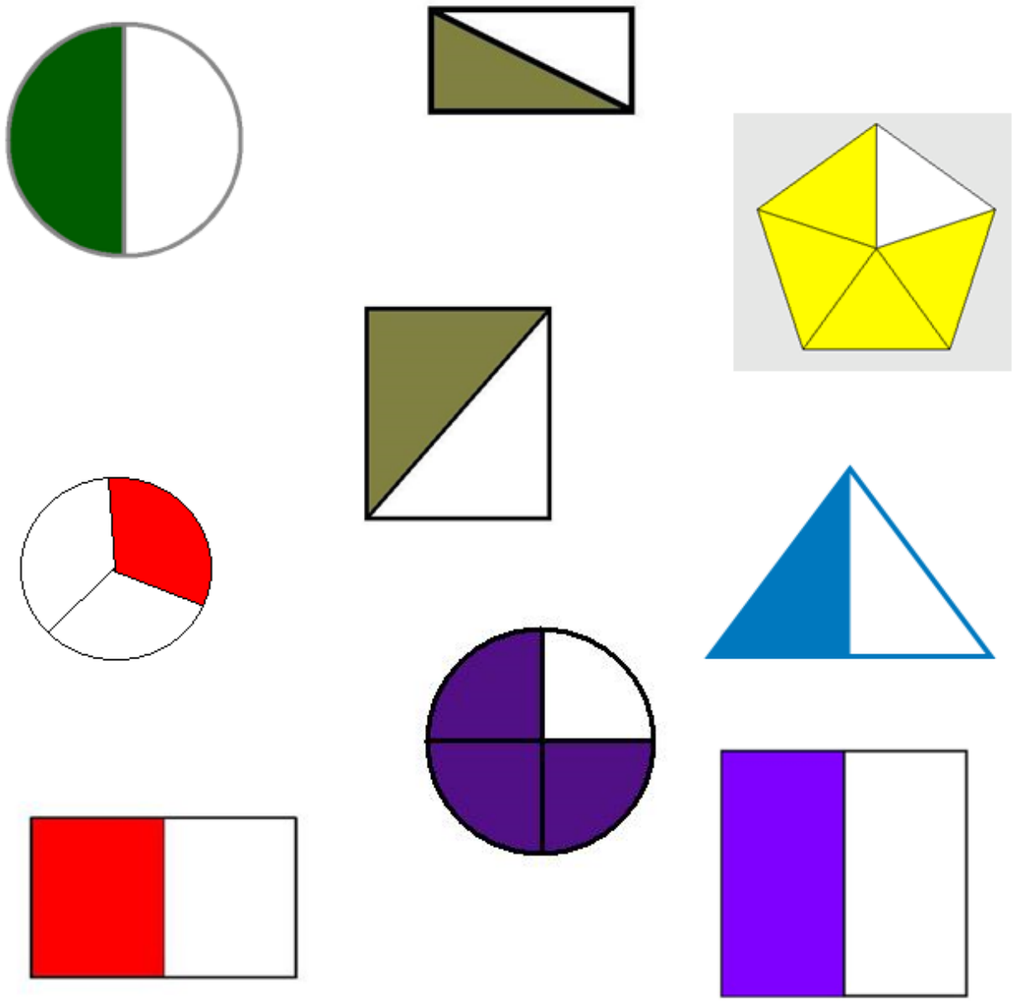
Teaching Fractions : Activities

1. Number line activity : *Helps build understanding that fractions are numbers with a definite quantity*
    a. Give students baggies with manipulatives demonstrating various fractions
        - Snap cubes of 2 colors, ie 3 red 1 white. What is the fractional amount of the cubes that are red (¾)
        - M&Ms in a baggie with a fraction of colored versus brown M&M's
        - Skittles in a baggie with a fraction of a designated color, ie what fraction of the skittles are yellow?
    b. For each round of this activity, make sure there is a common denominator for all the baggies
    c. Place a large number line in the front of the room (you can even draw it if needed) that goes from 0 to 1 with reference marker of ½
    d. Help students to figure out the correct fraction in their baggie and write on a sticky note and tape to front of baggie
    e. Have students come up and tape their baggies either as more than less than ½
    f. As students gain mastery with the common denominators, start having different denominators and students look at sample, determine the fraction and decide if it is more or less than half
        - Teacher will have to assist in getting the fraction in the correct order on number line with different denominators
        - At this point, we are not teaching student how to convert to common denominators, we are simply reinforcing the concept of quantity and determining if more or less than ½

This unit comes with some tips on teaching fractions. As a whole, this resource is not meant to be a stand alone resource for teaching fractions, but a collection of worksheets and digital activities for students to get more practice.

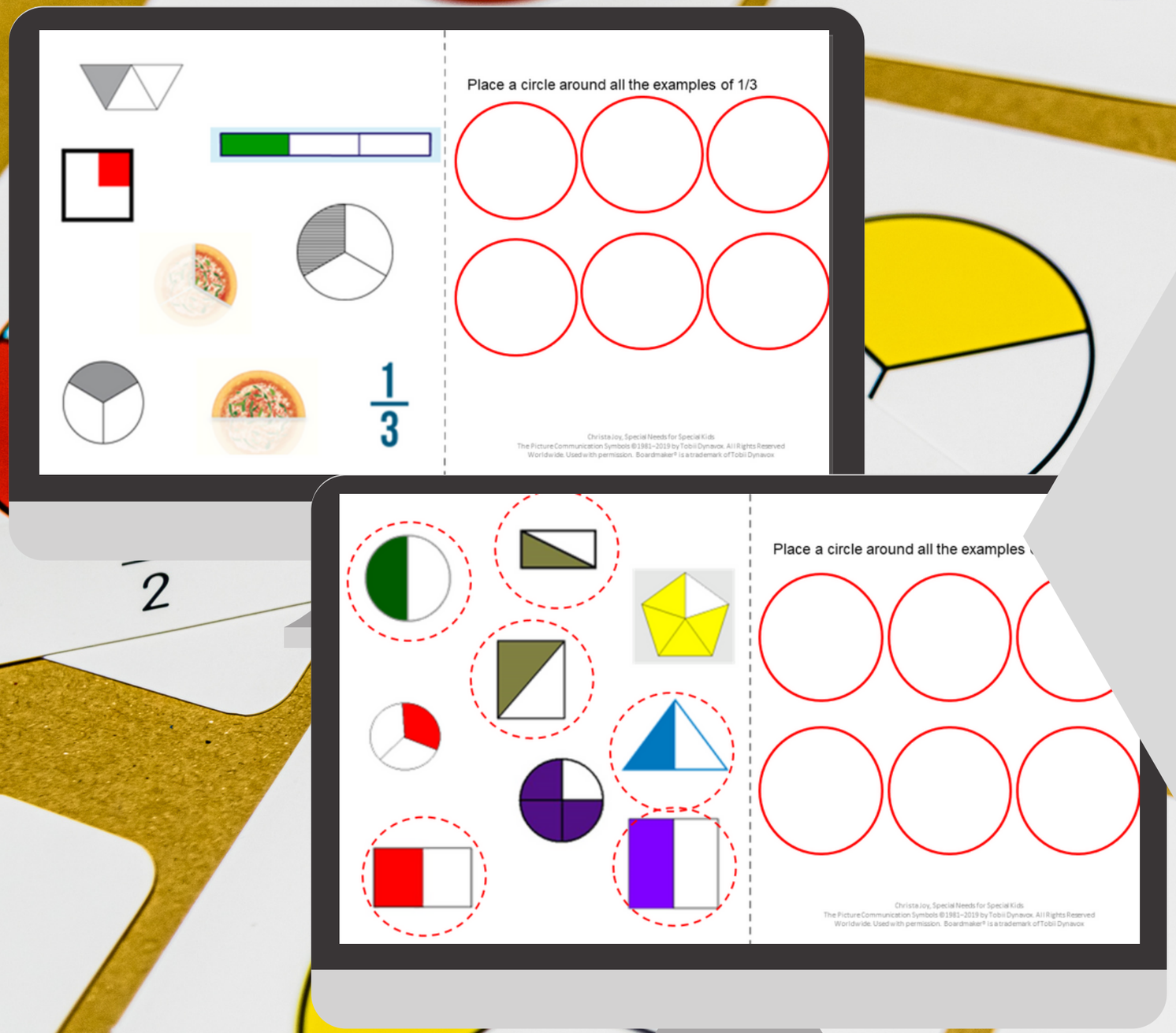
Name: _____

Circle all the examples of ½



There are a lot of worksheets you can print out for students to practice face to face or at home.

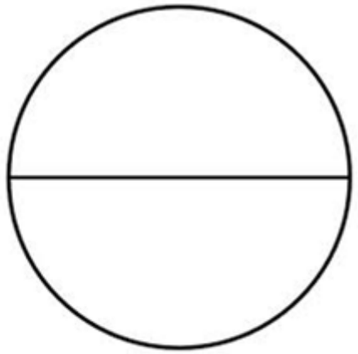
There are 2 worksheets for students to identify 1/2, 1/3, and 1/4.



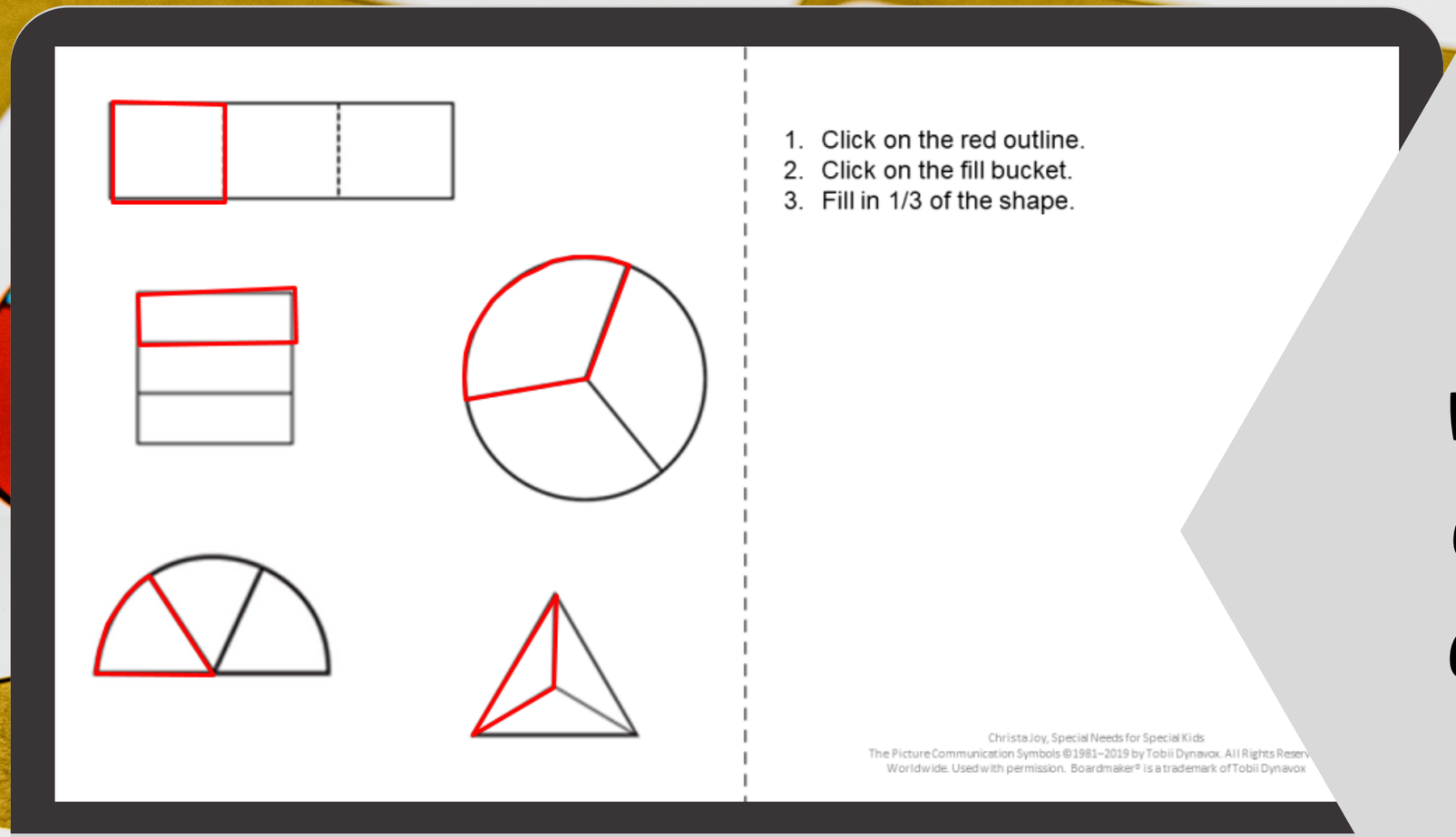
These also come in a digital format. The differentiated versions have dashed circles to guide students where to place their circles.

Name: _____

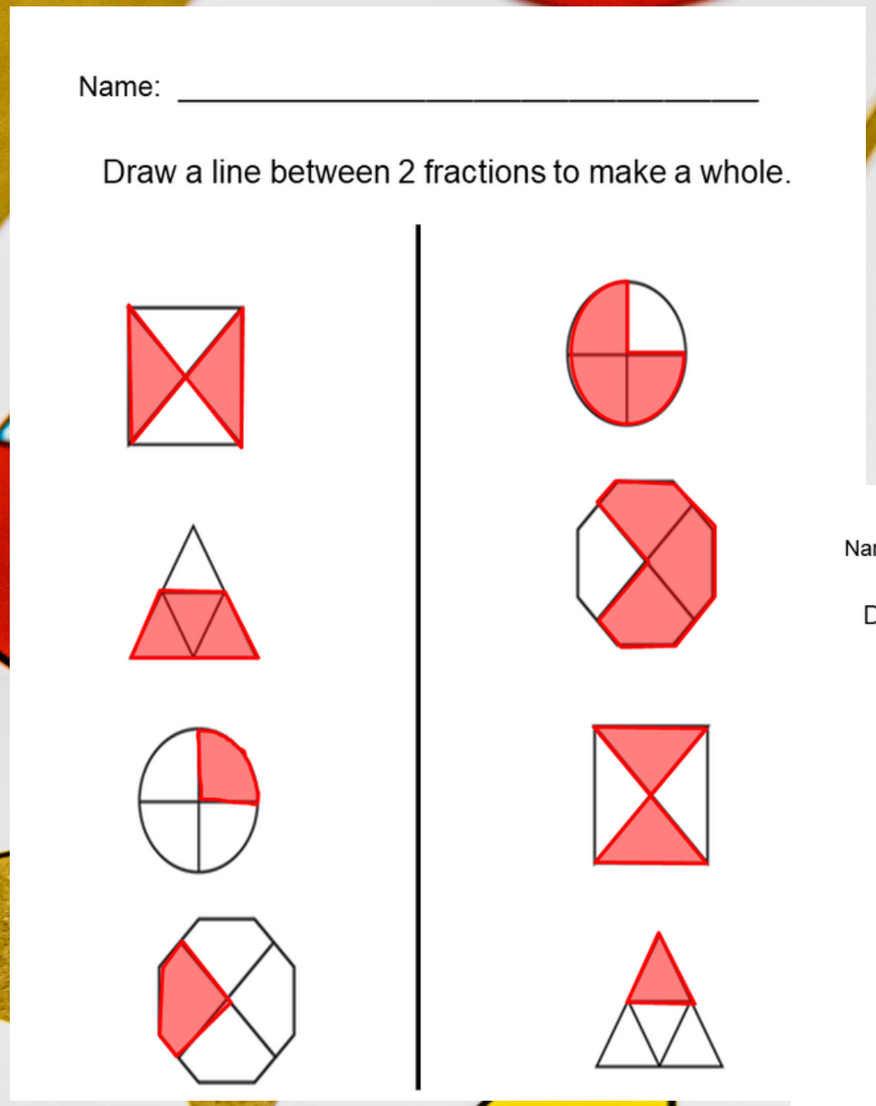
Color ½ of each object

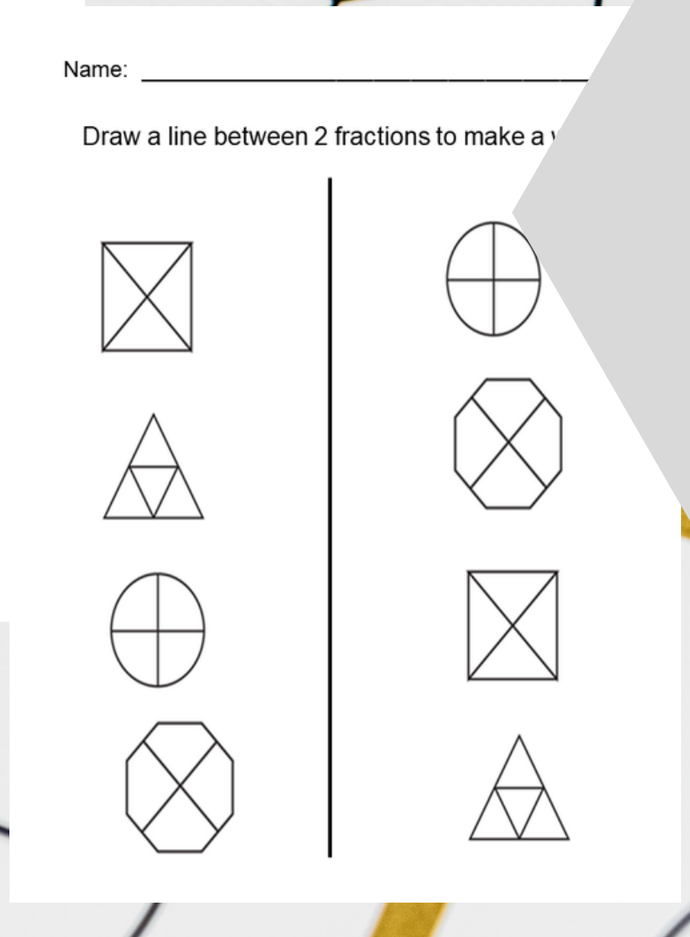


For each fraction (1/2, 1/3, and 1/4) there is a coloring page.

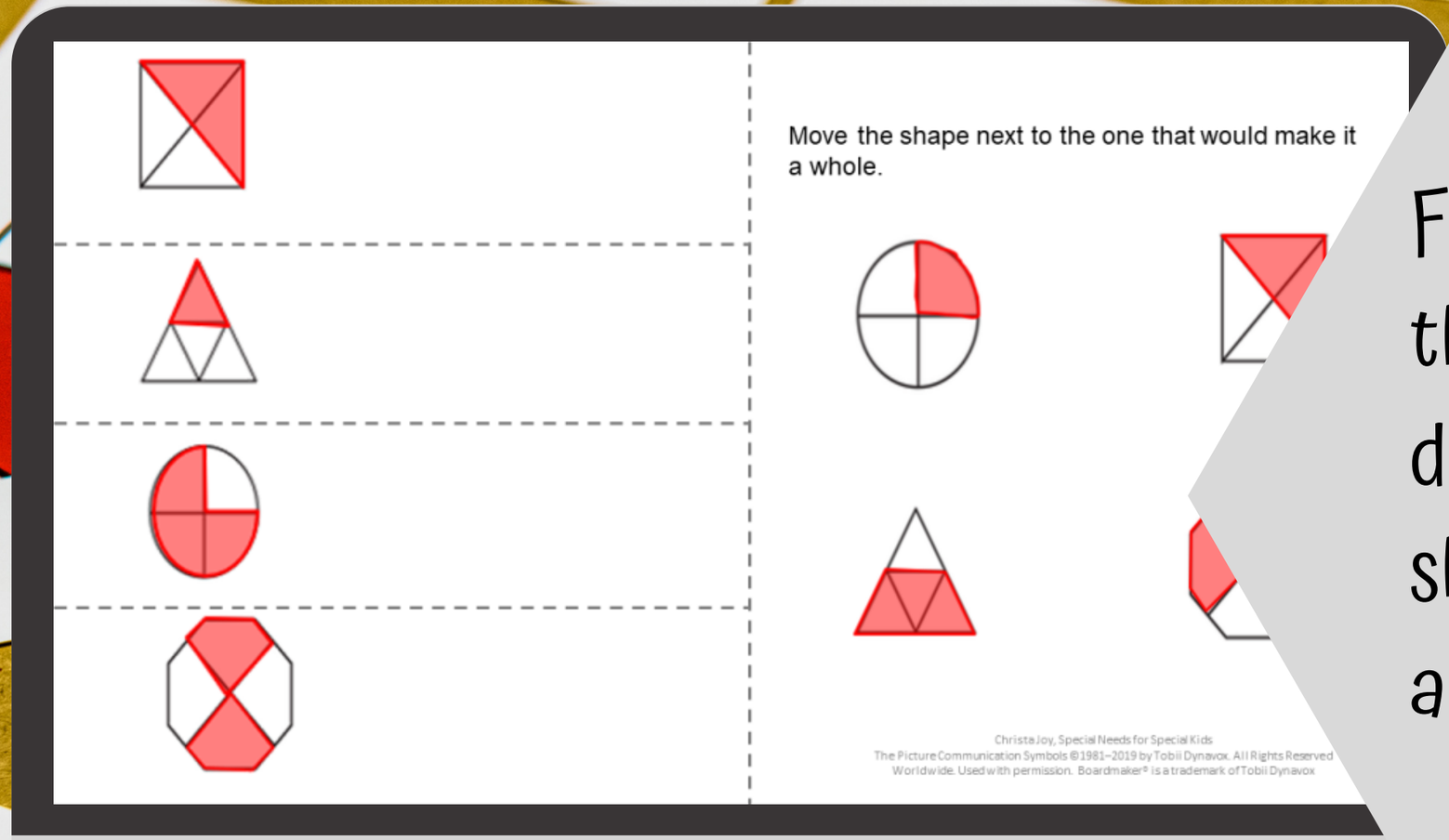


For the digital version, students will click on the red outline. Then they will click on the fill bucket and choose a color to fill int he designated portion of the fraction.





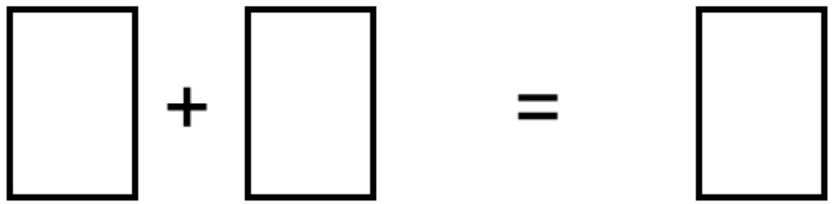
The next set of worksheets has students find the matching shape that would make the fraction a whole. There are 3 of these worksheets plus blank templates you can color in for more practice.

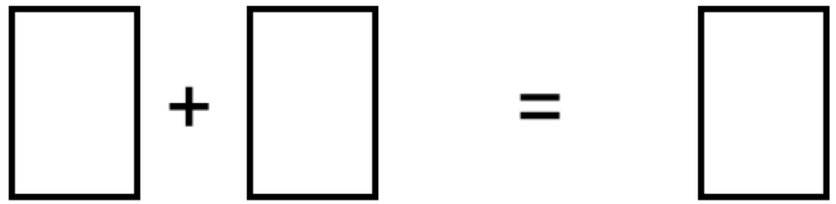


For the digital version of this activity, students will drag over the correct the shape rather than drawing a line.

Name: _____

Color in the final answer and write the problem in the boxes.

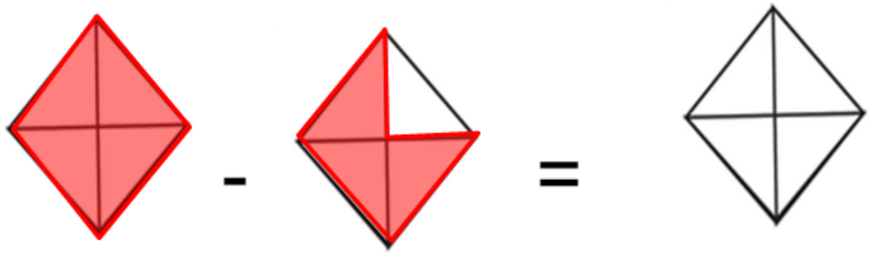


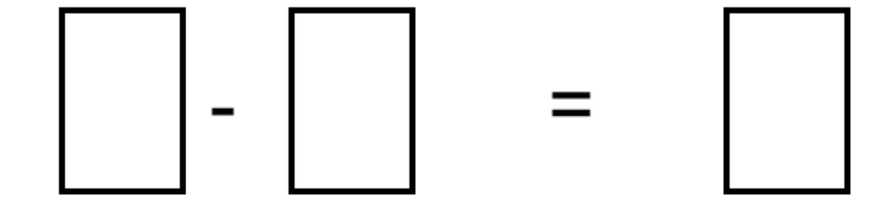


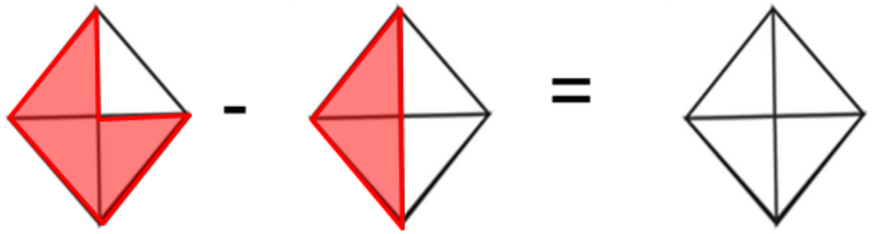
There are 4 worksheets for students to practice adding fractions (with the same denominator) using pictures. Students write in the factions and color in the correct answer.

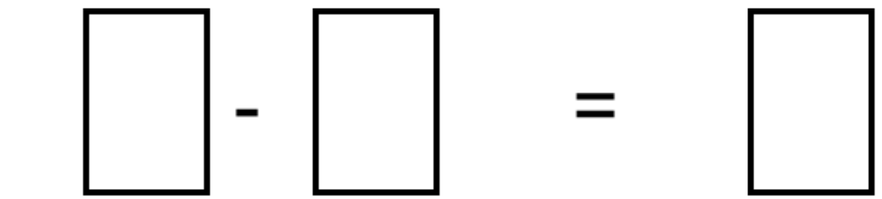
Name: _____

Color in the final answer and write the problem in the boxes.

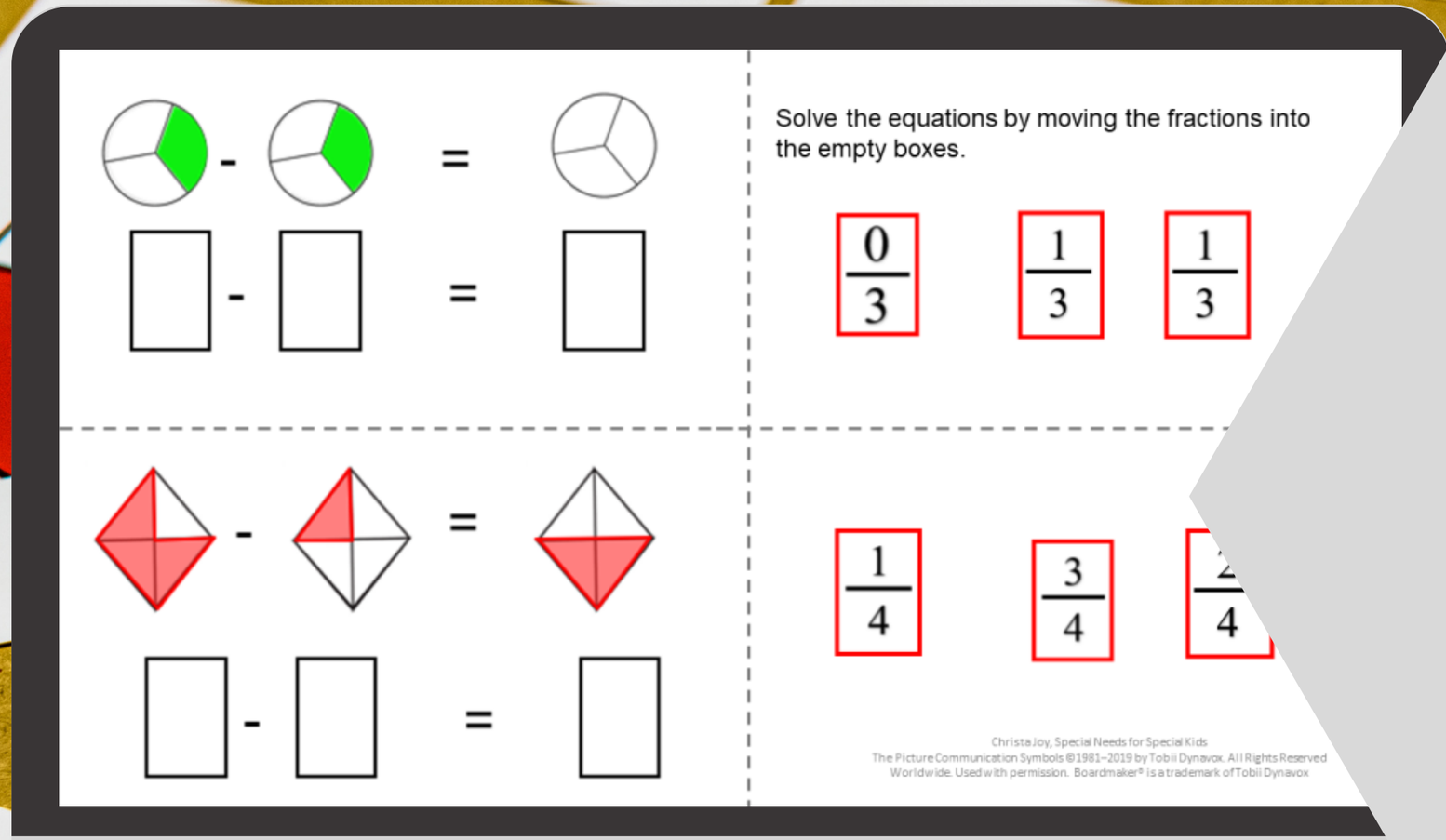




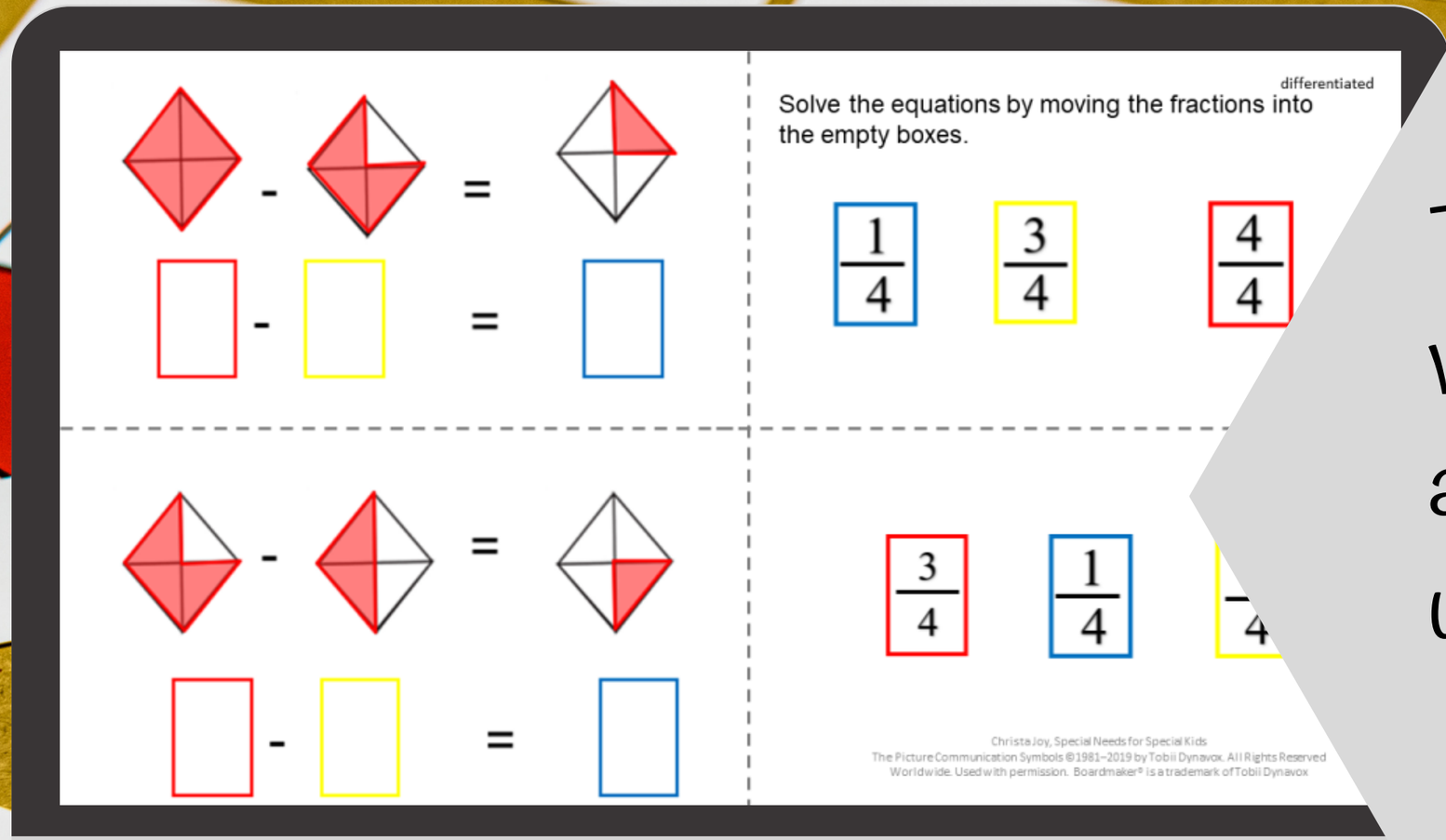




There are 4 worksheets for students to practice subtracting fractions (with the same denominator) using pictures. Students write in the factions and color in the correct answer.



For the digital version, students will drag over the correct answers to fill in the boxes. The final answer is already colored in for them.



There is a differentiated version for these addition and subtraction activities using color coding.