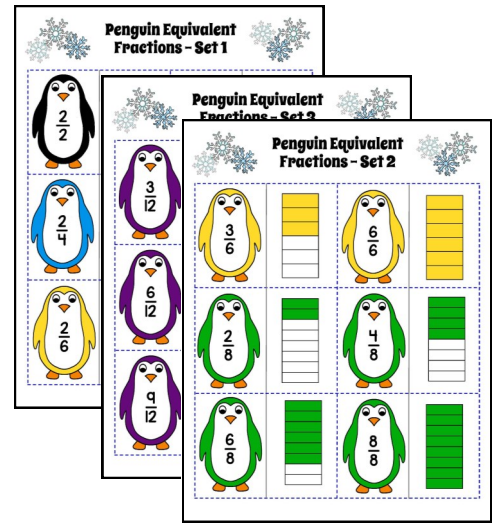


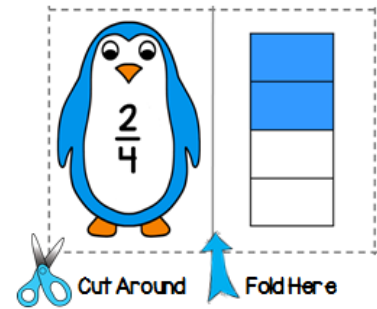
# Equivalent Fractions Sorting Freebie



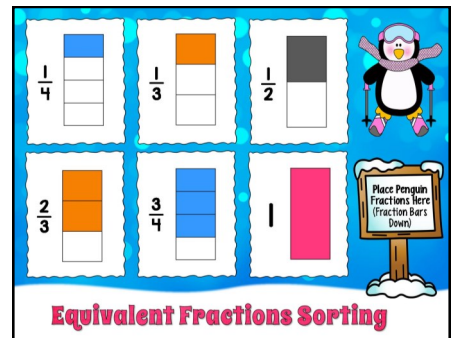
**By Laura Candler**

Equivalent Fractions Sorting is a partner activity in which students work together to sort penguin fraction cards into groups of equivalent fractions. Everything you need for the activity is included in this packet, including the Penguin Fraction Activity Cards, the student game board, teacher and student directions, and an answer key. Before introducing the activity, print pages 6 through 8 and create sets of two-sided fraction cards that have the fraction in number form on one side and a fraction bar on the other. Cut around the cards, fold on the lines, and glue or tape the sides to hold them together.

Front of Card    Back of Card



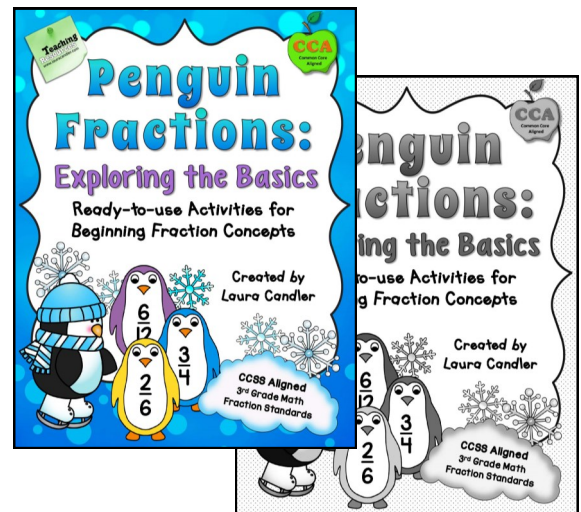
**Equivalent Fractions Sorting** is aligned with the 3rd grade Common Core Standards, but it can also be used as a review with 4th and 5th grade students.



Equivalent Fractions Sorting is a free lesson from **Penguin Fractions: Exploring the Basics**. The complete ebook includes 50 pages of directions and engaging fraction review activities, and all of the lessons include black & white and color versions. The packet also includes a variety of Penguin Fraction Cards in different sizes and styles. You can find this item in my TpT store by clicking the link below or one of the cover images.

*Laura Candler*

[www.teacherspayteachers.com/Store/Laura-Candler](http://www.teacherspayteachers.com/Store/Laura-Candler)



## Recognizing Equivalent Fractions

# Equivalent Fractions Sorting

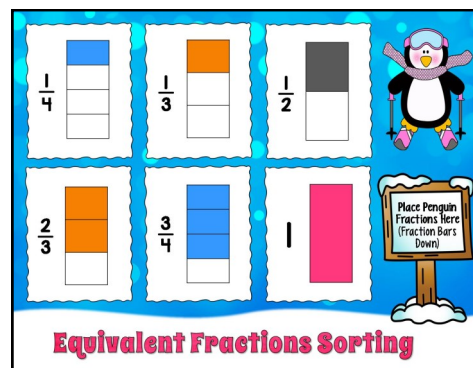
## Teacher Information and Suggestions

### Overview

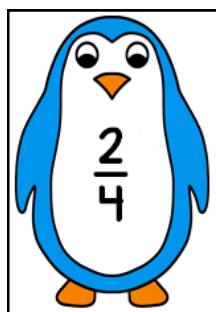
Students work with a partner to sort Penguin Fraction cards into equivalent fraction boxes using visual models.

### Advanced Preparation

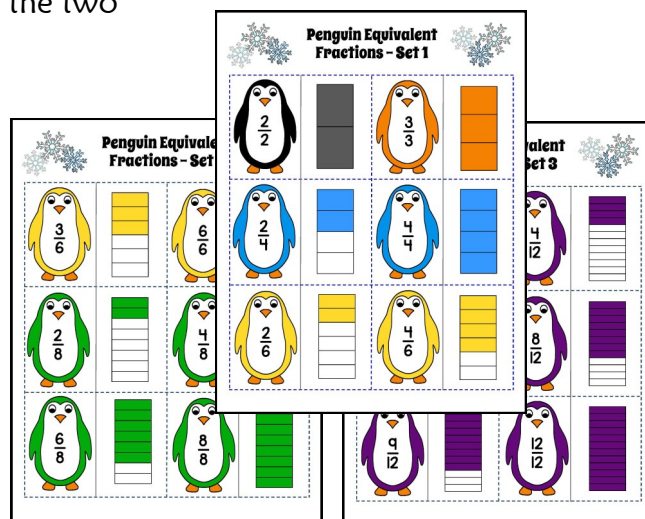
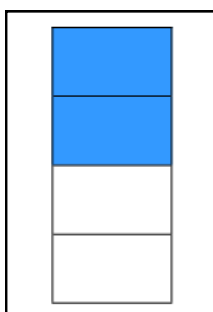
- For each game, print one copy of the **Equivalent Fractions Sorting** board.
- For each game, create a set of 18 two-sided fraction cards from the three pages titled **Equivalent Penguin Fractions**. To do this, cut the cards on the dashed lines and fold them on the solid lines. Glue or tape the two sides together and laminate them if possible.
- Print an answer key for each game if desired.



Front

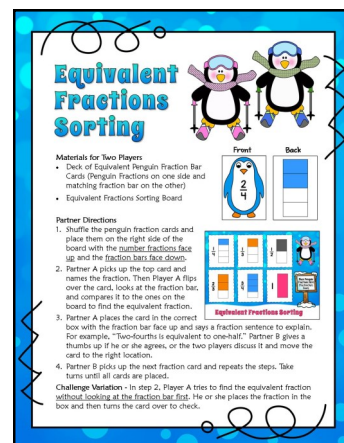


Back

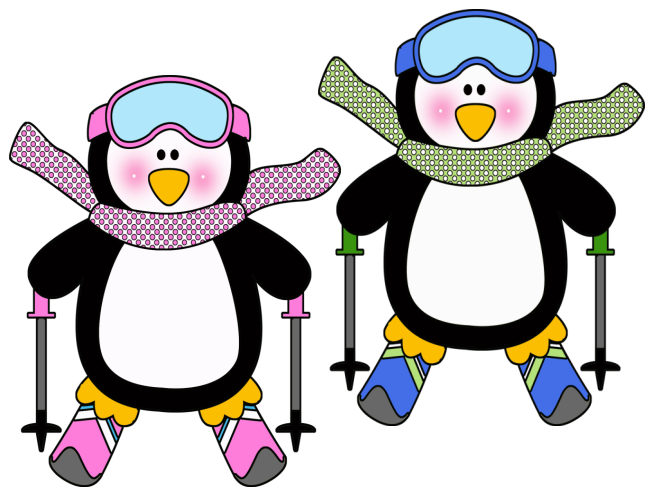


### Teaching Suggestions

1. **Review Equivalent Fractions** - Remind students that fractions with different numerators and denominators can be equal to each other in size. Demonstrate by drawing two identical rectangles and dividing one into halves and the other into fourths. Color one half of each rectangle and show that  $1/2 = 2/4$ .
2. **Model the Sorting Activity** - If possible, demonstrate Equivalent Fraction Sorting using a document camera or in small groups. Explain the steps on the student direction page, one at a time.
3. **Partner Sorting Activity** - When your students are ready, assign partners and provide time for them to play on their own. You can have them check their answers with the answer key if necessary, but since they are using visual models, the answer key might not be necessary.



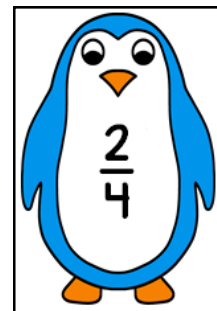
# Equivalent Fractions Sorting



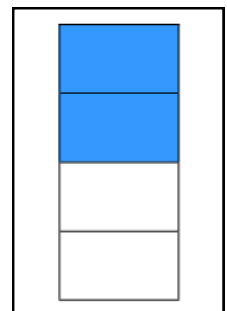
## Materials for Two Players

- Deck of Equivalent Penguin Fraction Bar Cards (Penguin Fractions on one side and matching fraction bar on the other)
- Equivalent Fractions Sorting Board

Front

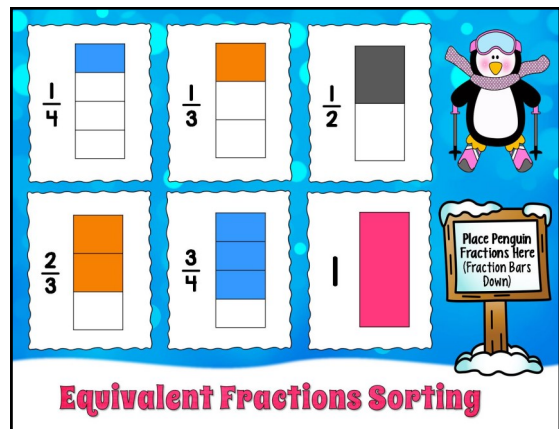


Back

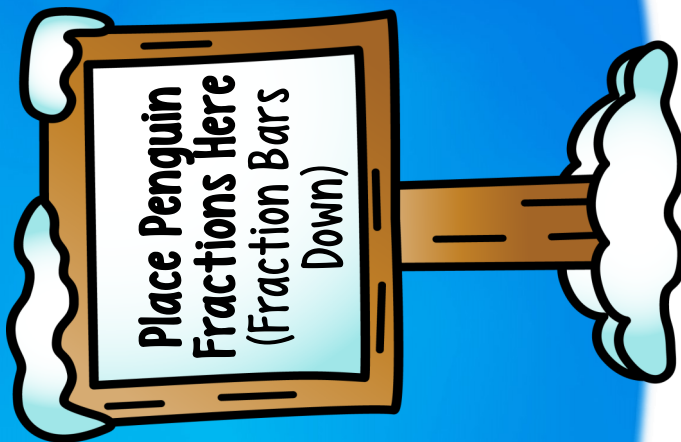
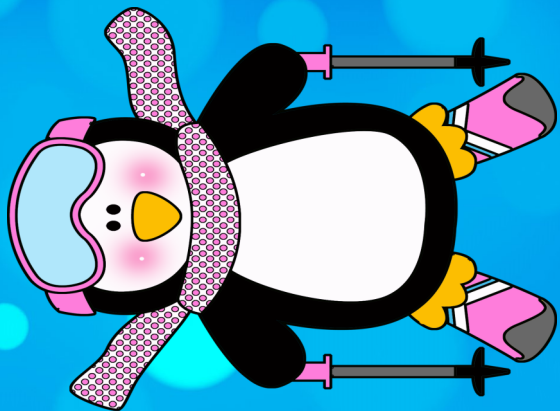


## Partner Directions

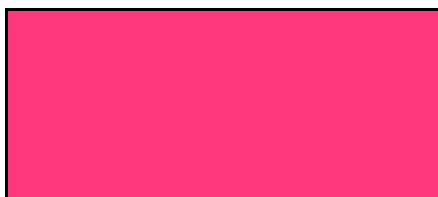
1. Shuffle the penguin fraction cards and place them on the right side of the board with the number fractions face up and the fraction bars face down.
2. Partner A picks up the top card and names the fraction. Then Player A flips over the card, looks at the fraction bar, and compares it to the ones on the board to find the equivalent fraction.
3. Partner A places the card in the correct box with the fraction bar face up and says a fraction sentence to explain. For example, "Two-fourths is equivalent to one-half." Partner B gives a thumbs up if he or she agrees, or the two players discuss it and move the card to the right location.
4. Partner B picks up the next fraction card and repeats the steps. Take turns until all cards are placed.



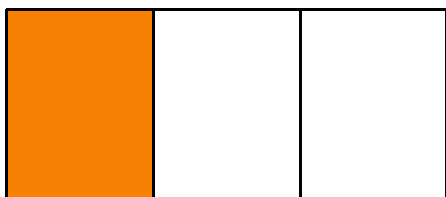
**Challenge Variation** - In step 2, Player A tries to find the equivalent fraction without looking at the fraction bar first. He or she places the fraction in the box and then turns the card over to check.



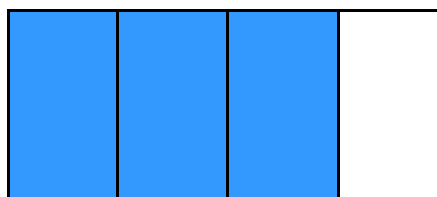
$$\frac{1}{2}$$



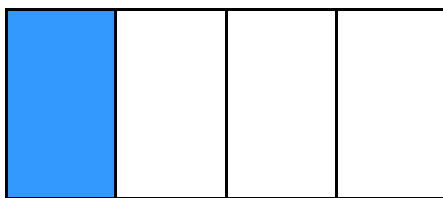
$$1$$



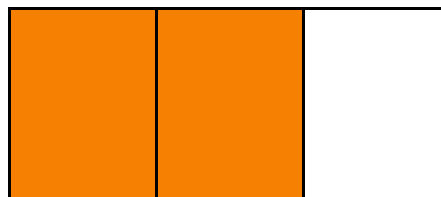
$$\frac{1}{3}$$



$$\frac{3}{4}$$



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



$$\frac{2}{3}$$

# Equivalent Fractions Sorting

# Equivalent Fractions Answers

$\frac{2}{4}$   $\frac{3}{6}$   $\frac{4}{8}$   $\frac{6}{12}$



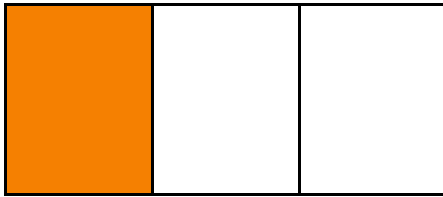
$\frac{1}{2}$

$\frac{6}{6}$   $\frac{8}{8}$   $\frac{12}{12}$   
 $\frac{2}{2}$   $\frac{3}{3}$   $\frac{4}{4}$



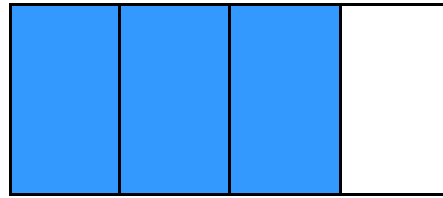
1

$\frac{2}{6}$   $\frac{4}{12}$



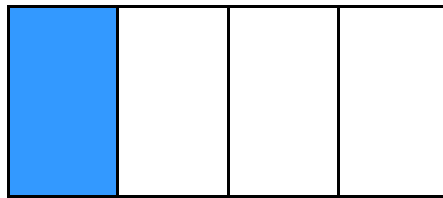
$\frac{1}{3}$

$\frac{6}{8}$   $\frac{9}{12}$



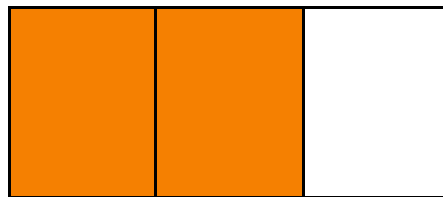
$\frac{3}{4}$

$\frac{2}{8}$   $\frac{3}{12}$



$\frac{1}{4}$

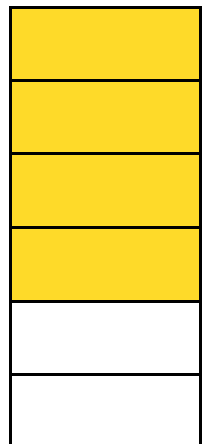
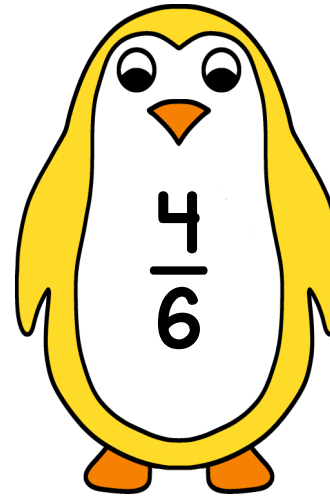
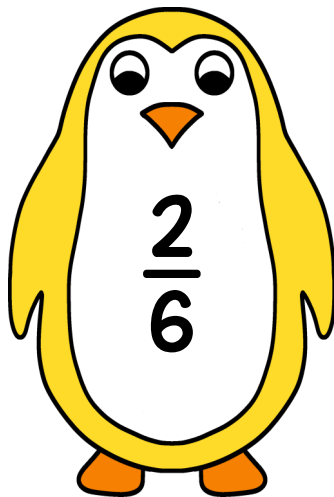
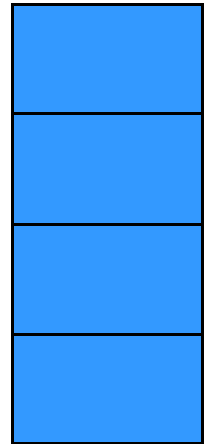
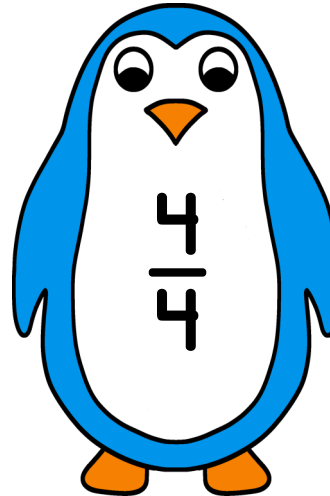
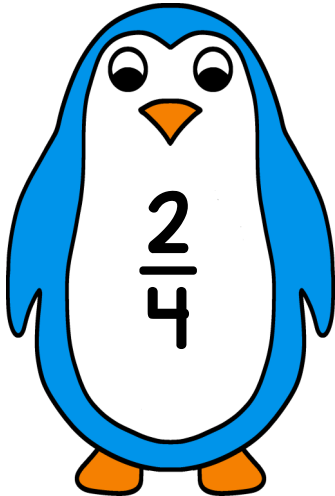
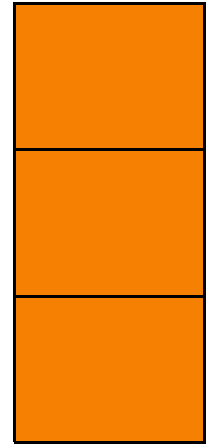
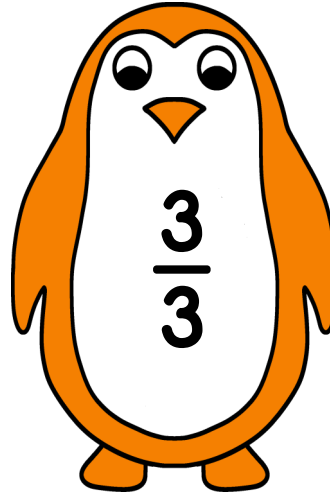
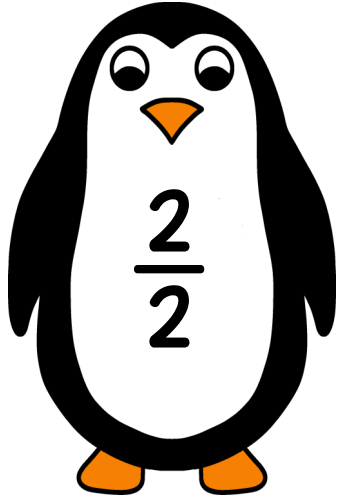
$\frac{4}{6}$   $\frac{8}{12}$



$\frac{2}{3}$

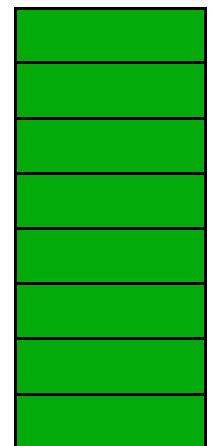
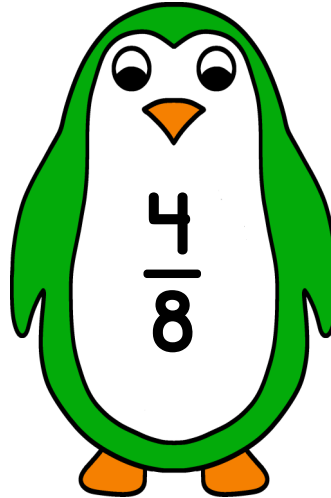
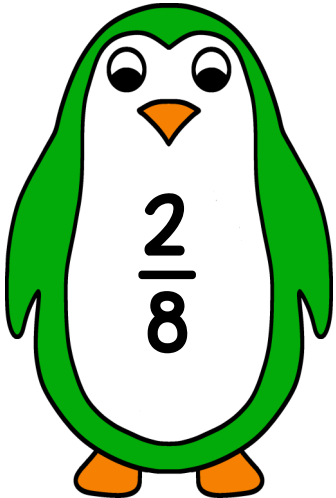
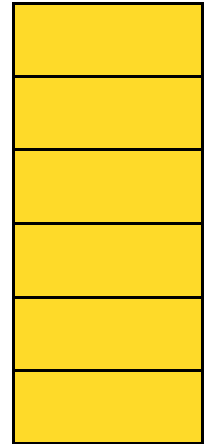
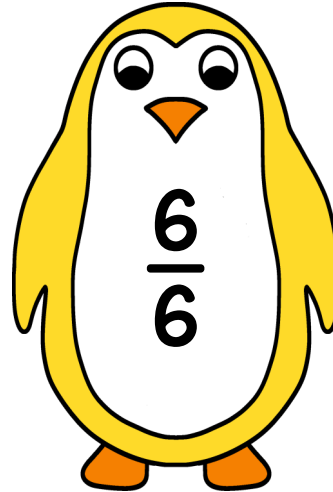
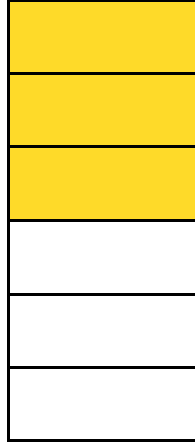
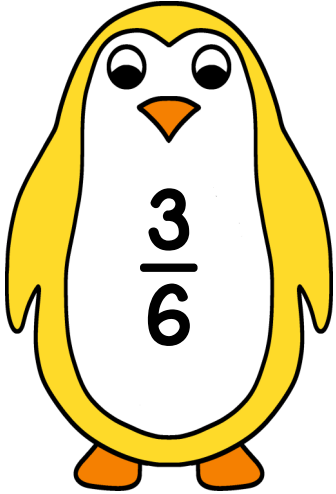


# Penguin Equivalent Fractions - Set 1



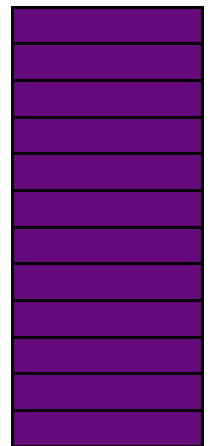
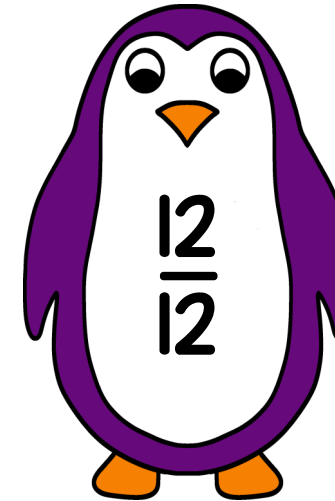
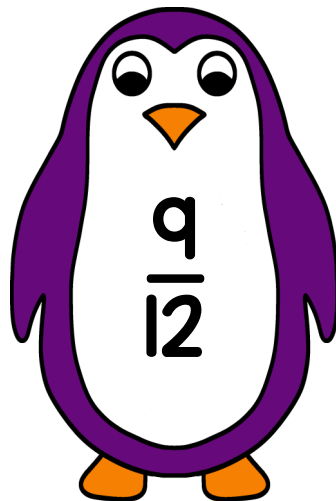
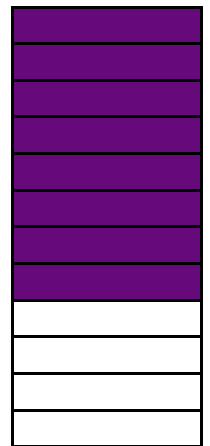
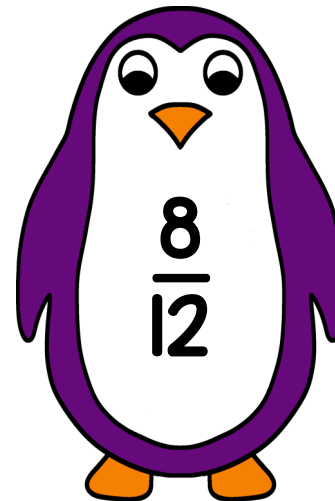
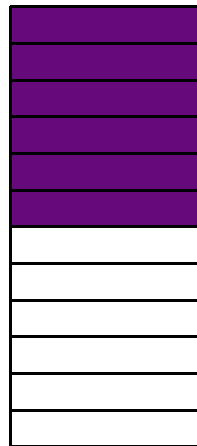
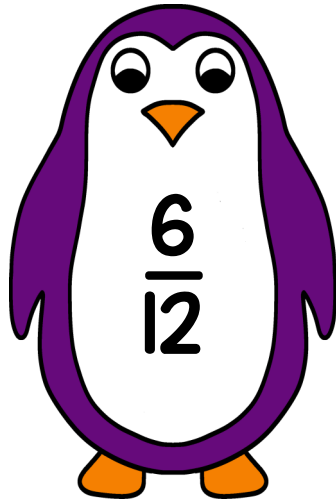
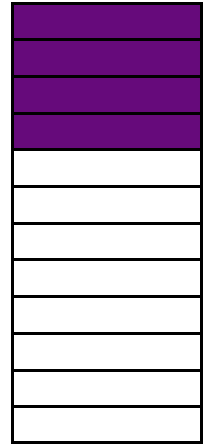
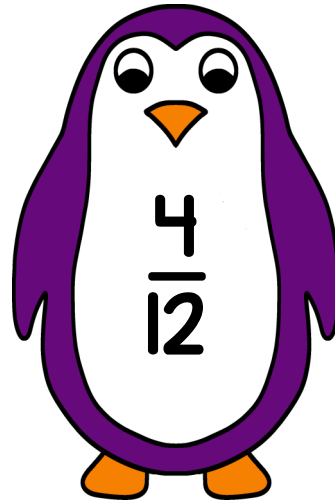
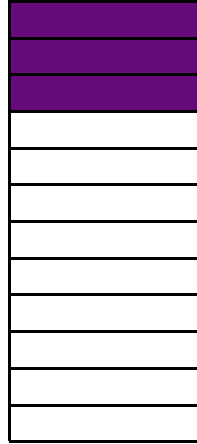
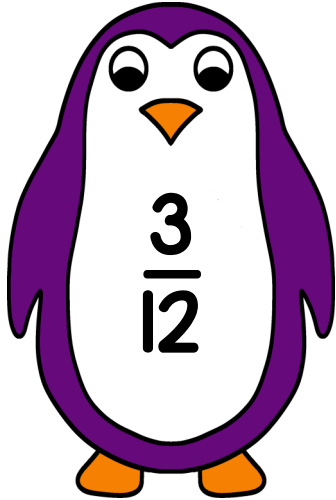


# Penguin Equivalent Fractions - Set 2





# Penguin Equivalent Fractions - Set 3





Thanks for downloading this freebie!

I hope you enjoy this freebie! I love sharing my teaching resources, and you can find more of them by following me in these locations. ~ Laura Candler

**Website:** [www.lauracandler.com](http://www.lauracandler.com)

**Pinterest:** [www.pinterest.com/lauracandler](http://www.pinterest.com/lauracandler)

**Facebook:** [www.facebook.com/teachingresources](http://www.facebook.com/teachingresources)

**TpT Store:** [www.teacherspayteachers.com/Store/Laura-Candler](http://www.teacherspayteachers.com/Store/Laura-Candler)

**Corkboard Connections Blog:** [www.corkboardconnections.com](http://www.corkboardconnections.com)

**Candler's Classroom Connections:** [www.lauracandler.com/signup.php](http://www.lauracandler.com/signup.php)

## Copyright and Permission Info

**Equivalent Fractions Sorting** is protected by copyright. It may not be sold, included in other products, or included in other freebies. If you would like to share it with others, please send them to my newsletter subscription page since this freebie is for subscribers only. They can sign up here [www.lauracandler.com/signup.php](http://www.lauracandler.com/signup.php) and download their own copy. ~ Laura Candler



## Artwork Credits

The clipart, borders, and frames in this freebie came from a variety of sources. If you like the artwork and design elements you see here, visit the stores of these clipart sellers.

### Mad Clips Factory

[www.teacherspayteachers.com/Store/Mad-Clips-Factory](http://www.teacherspayteachers.com/Store/Mad-Clips-Factory)

### Whimsy Clips

[www.teacherspayteachers.com/Store/Whimsy-Clips](http://www.teacherspayteachers.com/Store/Whimsy-Clips)

### K is for Kinderrific

[www.teacherspayteachers.com/Store/K-Is-For-Kinderrific](http://www.teacherspayteachers.com/Store/K-Is-For-Kinderrific)

### KB Connected

[www.teacherspayteachers.com/Store/Kb-Konnected](http://www.teacherspayteachers.com/Store/Kb-Konnected)

### Sassy Designs

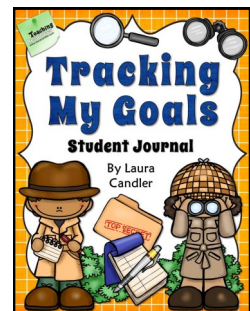
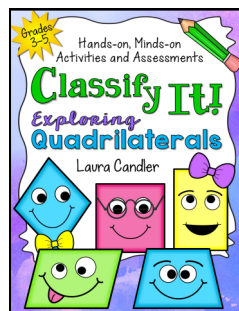
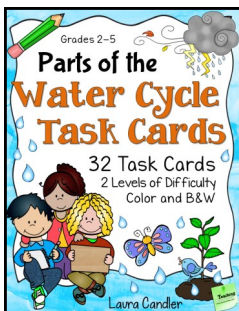
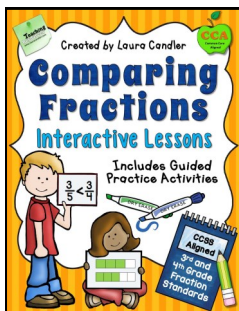
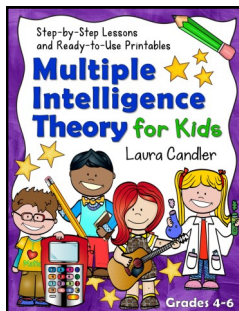
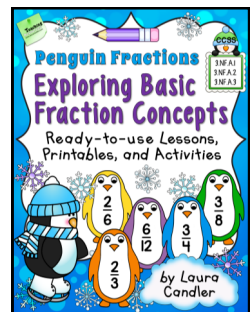
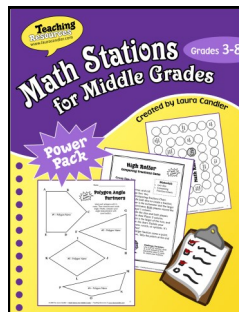
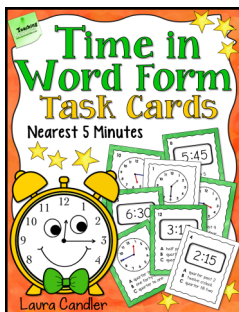
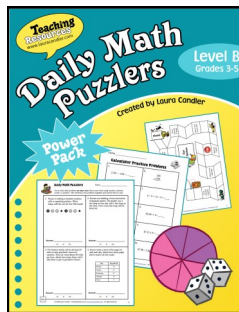
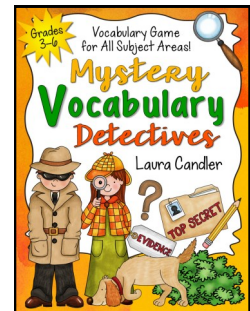
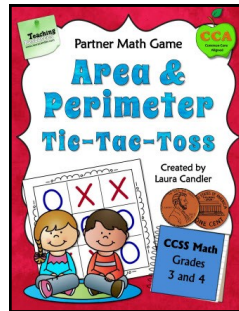
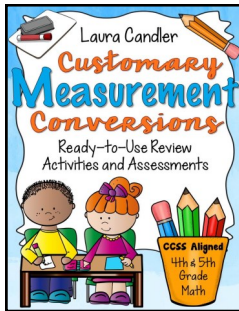
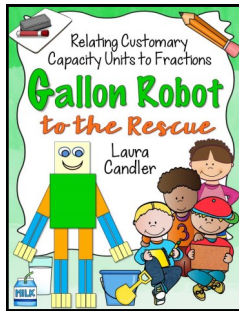
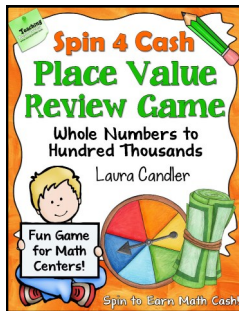
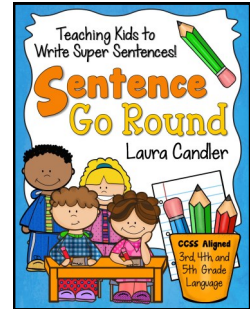
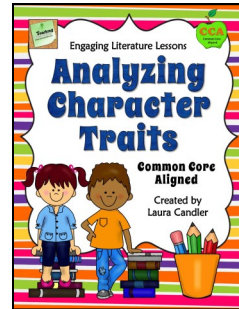
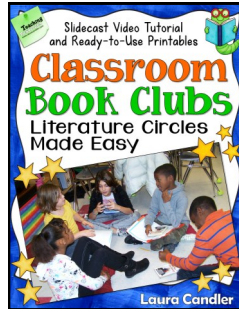
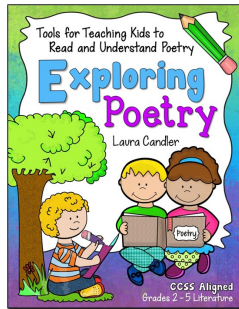
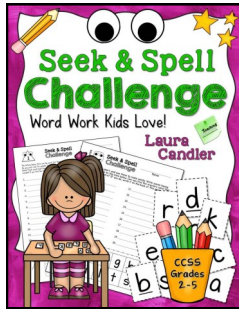
[www.sassy-designs.net](http://www.sassy-designs.net)

### The Hazel Owl

[www.teacherspayteachers.com/Store/The-Hazel-Owl](http://www.teacherspayteachers.com/Store/The-Hazel-Owl)



More Teaching Resources from Laura Candler! Click each item below to find it in [my TpT store](#).



I love creating resources for teachers, and hope you enjoyed this one! For more great resources, click [here](#) to sign up for my [Candler's Classroom Connections](#) newsletter. You'll receive exclusive free content, information about new products, and special offers not available anywhere else! Subscribers also get access to **Laura's Best Freebies**, a private page with dozens of my very best free resources organized into categories. Click the icons below to check out my other resources and connect with me on social media. Thanks for being the kind of teacher who cares enough to seek the very best teaching resources for your students! ~ Laura Candler

