

FRACTIONS

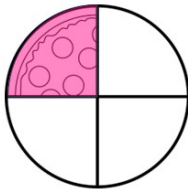
Interactive Notebook

3.NF.A.1
TEKS 3.3A, 3.3C

Unit Fractions

6

A pizza was cut into 4 equal sized pieces. One of those pieces is left.



How many
pieces are
left?

1

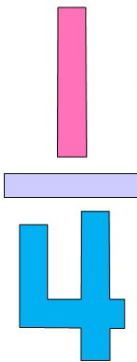
How many
equal sized
pieces were
in the
whole pizza?

4

What
fraction of
the pizza is
left?

1

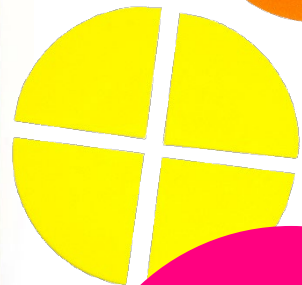
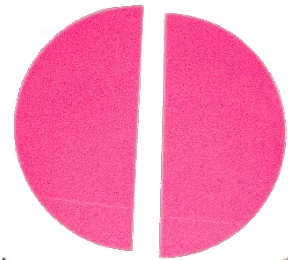
4



The numerator
tells the number of parts
being considered
(number left).

The denominator
tells the number of equal sized
pieces in one whole pizza.

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3rd
GRADE

Math Lessons Made Easy

Use for **Whole Group** or
Guided Math Lessons!

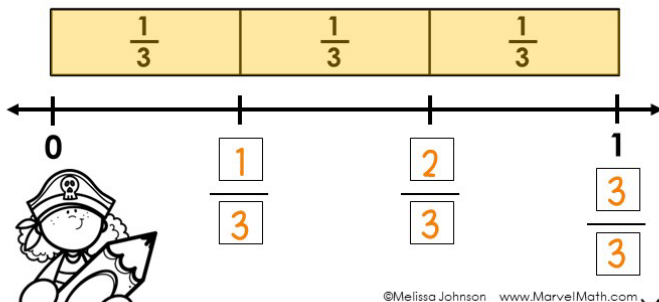
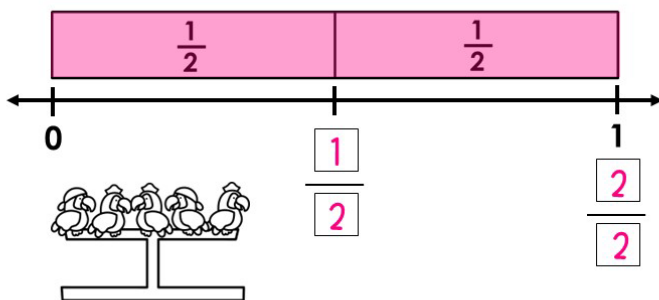
3.NF.A.2a,
3.NF.A.2b
TEKS 3.3B, 3.7A

Fraction Number Lines

20

Fractions show a part of a whole. Fractions can be modeled on number lines. Where the space between 0 and 1 is divided into equal parts.

Use the fraction bars shown above each number line to help label the fractions on each number line.



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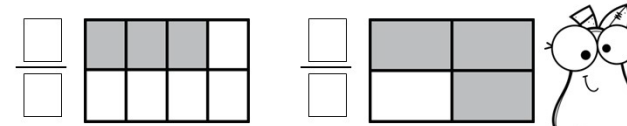
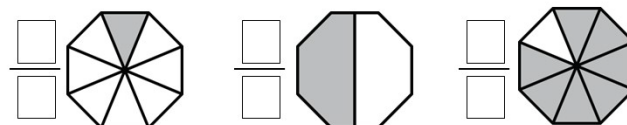
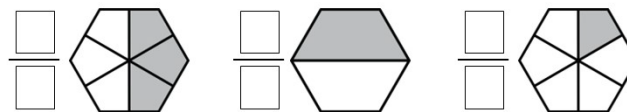
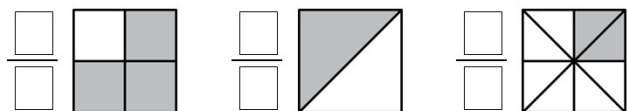
Easy-to-Use Student Pages

3.NF.A.1
TEKS 3.3A

Identify the Fraction

11

Write the fraction that is represented by the shaded part of each figure.



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3.NF.A.1
TEKS 3.3D

Compose Fractions

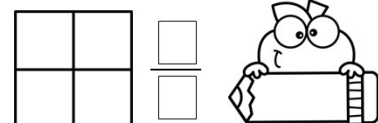
12

Shade the figures to match each expression. Then name the fraction that is shaded.

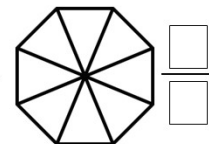
$$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$



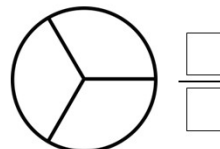
$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$



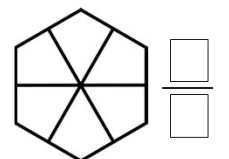
$$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$



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



$$\frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$



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Teaches Every Fraction Topic

- Introduce Fractions
- Fractions on a Number Line
- Comparing Fractions
- Equivalent Fractions
- Fractions of Sets
- And more!!!



3.NF.A.2a,
3.NF.A.2b
TEKS 3.3B, 3.7A

Fraction Number Lines

20

Fractions show a _____. Fractions can be modeled on _____. Where the space between _____ and _____ is divided into equal parts.

Use the fraction bars shown above each number line to help label the fractions on each number line.

3.NF.A.1
TEKS 3.3A, 3.3C

Unit Fractions

A pizza was cut into 4 equal slices.

3.NF.A.3d
TEKS 3.3H

Compare Fractions with the Same Numerator

Fractions with the _____ have the _____ of shaded pieces. I can compare fractions with the same numerators by comparing the _____.

Shade the fraction models to help compare the fractions. Fill in the blanks to tell if each fraction has smaller or larger pieces in comparison to the other fraction. Complete the comparison with the correct symbol, $<$, $>$ or $=$.

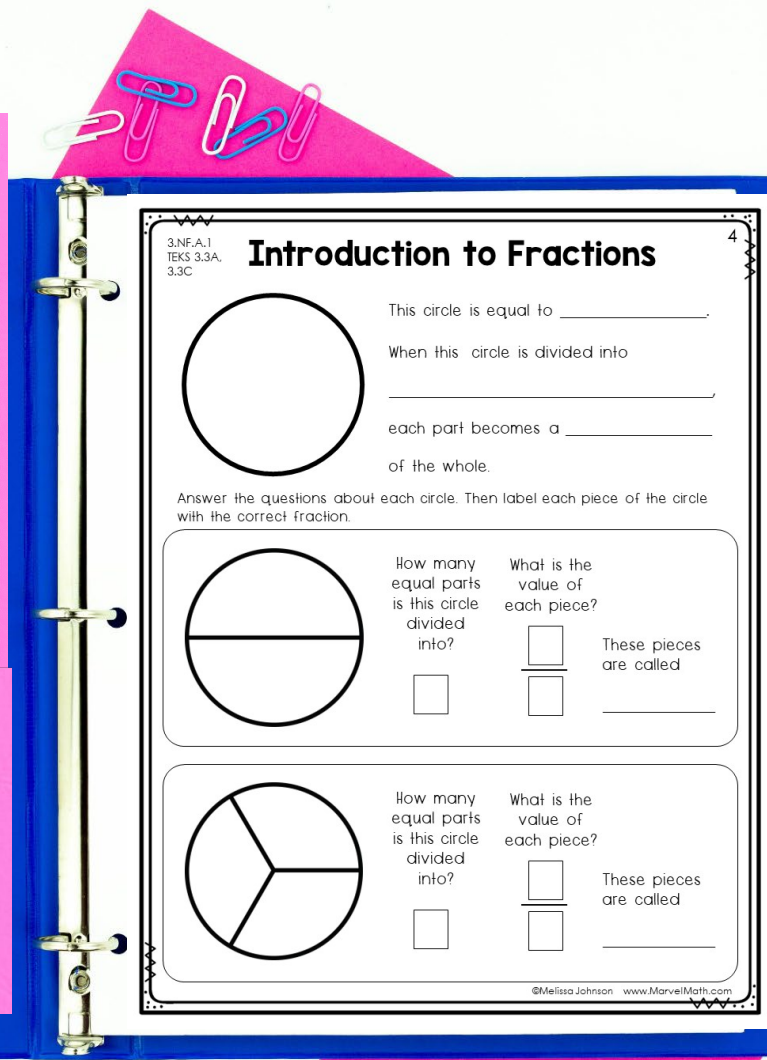
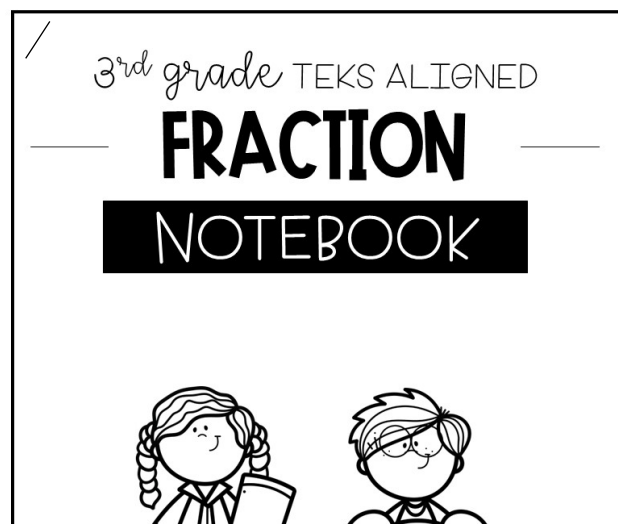
(smaller or larger) pieces $\frac{3}{6} \bigcirc \frac{3}{8}$ (smaller or larger) pieces

(smaller or larger) pieces $\frac{1}{4} \bigcirc \frac{2}{4}$ (smaller or larger) pieces

(smaller or larger) pieces $\frac{1}{3} \bigcirc \frac{2}{3}$ (smaller or larger) pieces

No Cutting or Gluing Required

- Make stapled packets
- 3-hole punch to use in a binder
- Make the most of class time



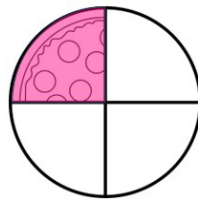
Or Glue Entire Page in Notebook

3.NF.A.1
TEKS 3.3A, 3.3C

Unit Fractions

6

A pizza was cut into 4 equal sized pieces. One of those pieces is left.



How many
**pieces are
left?**

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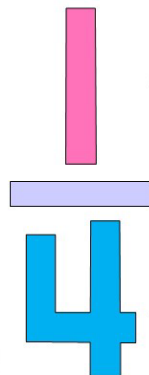
How many
**equal sized
pieces were
in the
whole** pizza?

4

What
fraction of
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4



The numerator
tells the number of parts
being considered
(number left).

The denominator
tells the number of equal sized
pieces in one whole pizza.

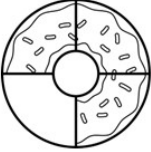
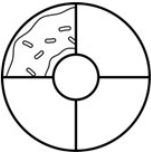
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Essential Vocabulary

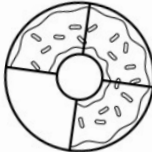
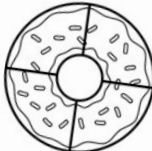
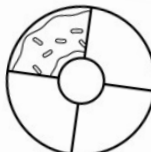
Easy-to-Use Student Reference Tool

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ESSENTIAL FRACTION VOCABULARY

Term	Picture or Example	Definition
Fraction	 $\frac{3}{4}$	Part of the whole
Whole	 $\frac{4}{4} = 1$	Equal to One
Unit Fraction	 $\frac{1}{4}$	Exactly one part when one whole is divided into equal parts
Numerator	 $\frac{3}{8}$	The number of parts shaded or being considered
Denominator	 $\frac{4}{8}$	The number of equal parts in one whole

ESSENTIAL FRACTION VOCABULARY

Term	Picture or Example	Definition
Fraction		
Whole		
Unit Fraction		
Numerator		
Denominator		



Resource Includes

-  **27 Student Pages**
-  **Pages to introduce all the 3rd Grade Fraction TEKS and Common Core Standards**
-  **Detailed Teacher KEY**
-  **Essential Vocabulary Section**

Built for the TEKS & CCSS

FRACTION NOTEBOOK *table of contents*

TOPIC	TEKS	CCSS	Page(s)
	All	All	1-3
Fraction Vocabulary	3.3A, 3.3C	3.NF.A.1	4-5
Introduction to Fractions	3.3A, 3.3C	3.NF.A.1	6
Unit Fractions	3.3A, 3.3C	3.NF.A.1	7
Think About Denominators	3.3A	3.NF.A.1	8
Naming Fractions	3.3A	3.NF.A.1	9
Shade the Fraction	3.3A	3.NF.A.3c	10
Fractions Equal to One	3.3A	3.NF.A.1	11
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Compose Fractions	3.3D	3.NF.A.1	13
Decompose Fractions	3.3A	3.NF.A.1	14
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Fractional Fair Shares	3.3E	N/A	16
Splitting it Fairly	3.3F, 3.3G	3.NF.A.3b	17
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Equivalent Fractions on a Number Line	3.3H	3.NF.A.3d	24

This resource is included in these

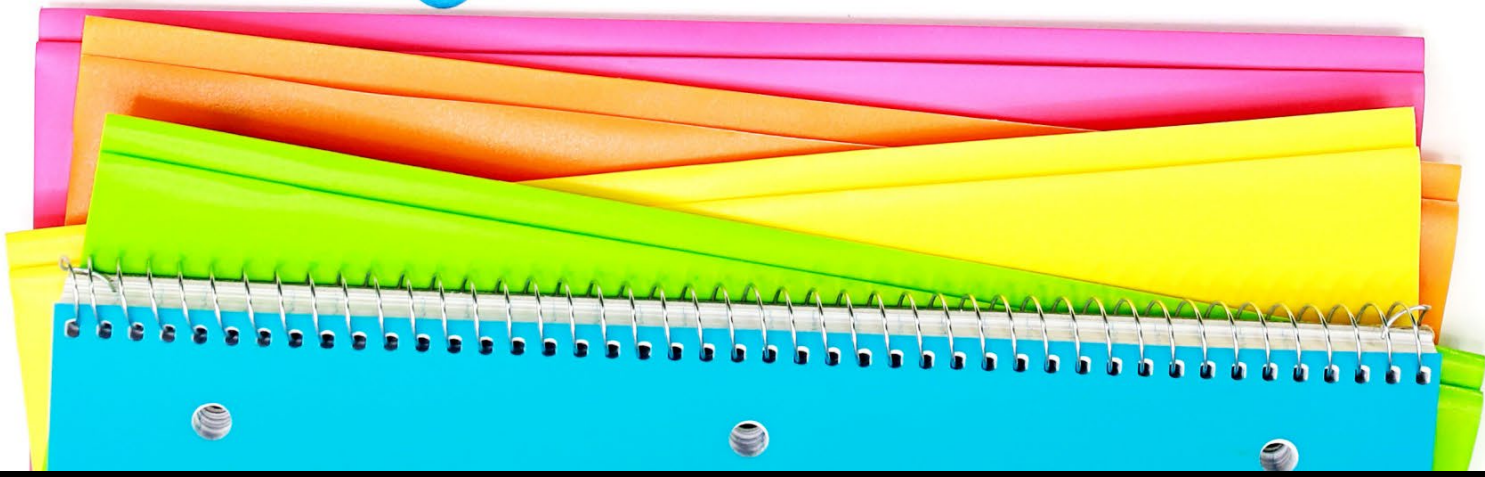
Time & Money Saving BUNDLES

Click here

3rd Grade
Fraction Unit
Bundle

Click here

3rd Grade
Interactive
Notebook Bundle



About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

