

IDENTIFYING FRACTIONS

3rd Grade



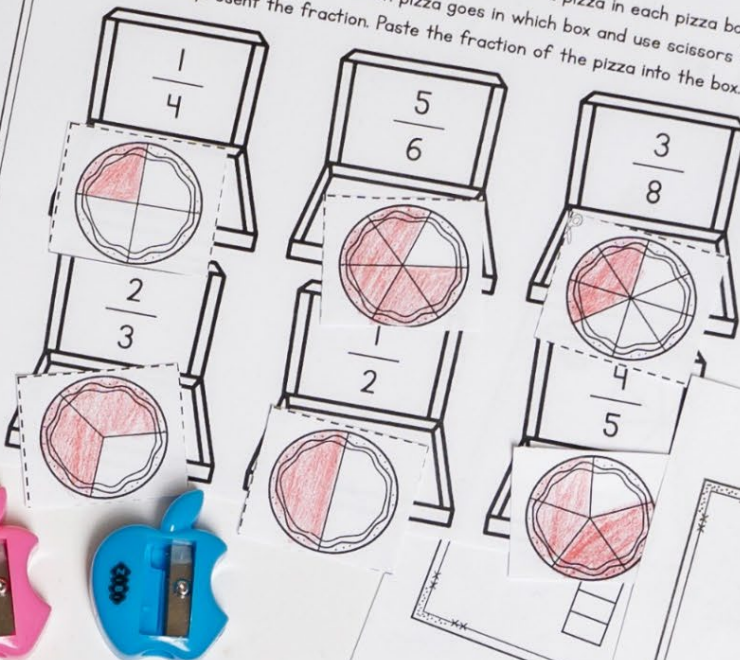
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IDENTIFYING FRACTIONS

pizza pie cut and paste

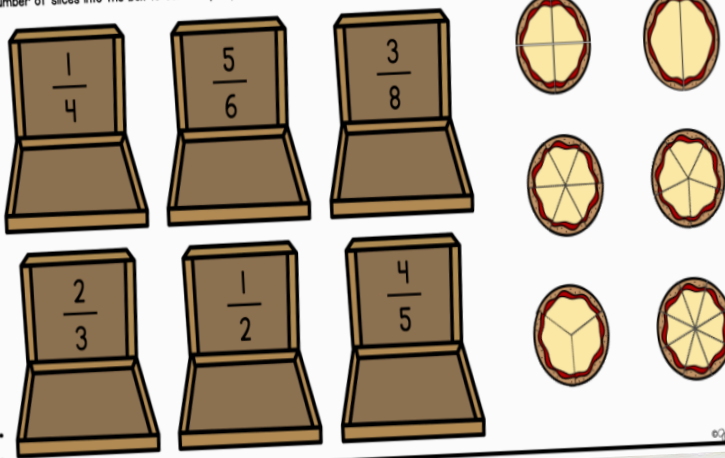
Directions: Fraction Pie Pizzeria only puts a fraction of a pizza in each pizza box. Cut out the pizzas below. Determine which pizza goes in which box and use scissors to cut the pizza to represent the fraction. Paste the fraction of the pizza into the box.



IDENTIFYING FRACTIONS

fraction pie pizzeria

Directions: Fraction Pie Pizzeria only puts a fraction of a pizza in each pizza box. Determine which pizza goes in which box. Drag the correct number of slices into the box to correctly represent the fraction.



IDENTIFYING FRACTIONS

There are 4 equal parts. Each part represents 1/4.

There are 12 equal parts. Each part represents 1/12.

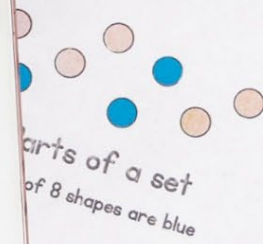
There are 4 equal parts. Each part represents 1/4.

FRAC

There are different ways to represent a fraction.

$$\frac{3}{8}$$

Written form



Fractions must have equal parts.



The circle is divided into 3 equal parts.



The circle is NOT divided into 3 equal parts.



NAME: _____ DATE: _____

IDENTIFYING FRACTIONS

animal race

Forest are having a race! Each animal has completed a race track to divide the racetracks into equal parts. Cut out the animals according to the fraction of the race they have finished.

Write a fraction that represents the shaded parts

Number of shaded parts 3
Total number of parts 6
Fraction $\frac{3}{6}$

2

Number of shaded parts 8
Total number of parts 16
Fraction $\frac{8}{16}$

4

Number of shaded parts 2
Total number of parts 4
Fraction $\frac{2}{4}$

parts 6
parts 9

of shaded parts 1
number of parts 8
on $\frac{1}{8}$

est to line? Martin Mc
Quentin Q
Fox and R

© 2010

NAME: _____

IDENTIFYING

how many eq

models below. Identify

There are 4 equal parts
Each part represents $\frac{1}{4}$

There are 12 equal parts
Each part represents $\frac{1}{12}$

There are 8 equal parts
Each part represents $\frac{1}{8}$

representing

FRACTIONS

There are different ways to represent a fraction

$\frac{3}{8}$

Written form

Parts of a set
3 out of 8 shapes are blue

REMEMBER! Fractions must have the same denominator

The circle is divided into 3 equal parts

NAME: _____

IDENTIFYING

pizza pie c

Directions: Fraction Pie Pizzeria only puts out the pizzas below. Determine which pizza represents the fraction. Paste the pizza into the box.

$\frac{1}{4}$

$\frac{5}{6}$

$\frac{3}{8}$

$\frac{2}{3}$

$\frac{1}{2}$

$\frac{1}{5}$



DATE: _____

FRACTIONS

cut and paste

a fraction of a pizza in each pizza box. Cut the pizza goes in which box and use scissors to cut the fraction of the pizza into the box.

$\frac{5}{6}$

$\frac{3}{8}$

$\frac{1}{2}$

$\frac{4}{5}$







CTIONS

what represents the shaded parts

number of shaded parts 3

total number of parts 6

Fraction $\frac{3}{6}$

2



of the whole.

equal parts.

Each part represents $\frac{1}{4}$ of the whole.

There are 8 equal parts.

Each part represents $\frac{1}{8}$ of the whole.

equal parts.

Each part represents $\frac{1}{6}$ of the whole.

IDENTIFYING FRACTIONS

story problems

Directions: Solve the story problems. For each answer, draw a picture and write a fraction. To create your picture, you can draw your own shapes using the shape tool , or you can drag the shapes below to make a set and use the paint bucket icon , to shade the parts.

2 Nabeel has pet fish. Two of them are goldfish and two of them are betta fish. What fraction of Nabeel's fish are goldfish?





Drag me



$\frac{2}{4}$

Are goldfish

NAME: _____

IDENTIFYING FRACTIONS

Directions: The fraction of the whole is placed in the box.

Felix Fox finished the race.

4

5

There are 10 equal parts.

Each part represents $\frac{1}{10}$ of the whole.

FRACTIONS

There are 10 equal parts.

Each part represents $\frac{1}{10}$ of the whole.

4

2

9

IDENTIFYING FRACTIONS

only puts a fraction of a pizza in each pizza box. Cut which pizza goes in which box and use scissors to cut. Paste the fraction of the pizza into the box.

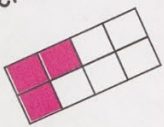
$\frac{5}{6}$

$\frac{3}{8}$

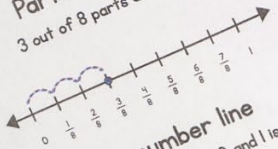
$\frac{1}{2}$

$\frac{4}{5}$

to show fractions



Parts of a whole
3 out of 8 parts are shaded



On a number line
The space between 0 and 1 is divided into 8 equal parts

Fractions must have equal parts



The circle is divided into 3 equal parts



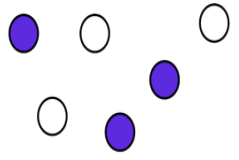
The circle is divided into 4 equal parts

IDENTIFYING FRACTIONS

naming fractions

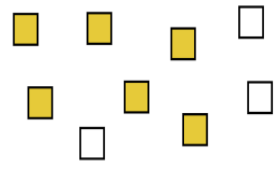
Directions: Look at the sets below. Write a fraction that represents the shaded parts of the set.

EX



Number of shaded parts 3
Total number of parts 6
Fraction $\frac{3}{6}$

1



Number of shaded parts
Total number of parts
Fraction

NAME: _____

IDENTIFYING FRACTIONS

Directions: The animals in the race. Draw a fraction of the race. Draw and place them on the track.

1

2

1

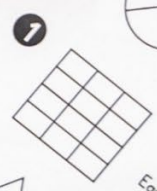
Number of
Total number of

NAME: _____

IDENTIFYING FRACTIONS

Directions: Look at the models below. There are _____ equal parts. Each part represents _____ of the whole.

EX



1

2

3

4

There are _____ equal parts. Each part represents _____ of the whole.

There are _____ equal parts. Each part represents _____ of the whole.

There are _____ equal parts. Each part represents _____ of the whole.

There are _____ equal parts. Each part represents _____ of the whole.

NAME: _____

DATE: _____

IDENTIFYING FRACTIONS

animal race

Directions: The animals in Fraction Forest are having a race! Each animal has completed a fraction of the race. Draw lines to divide the racetracks into equal parts. Cut out the animals and place them on the track according to the fraction of the race they have finished.

1. Fox has
and $\frac{4}{6}$
gone

START

FINISH

START

FINISH

START

FINISH

START

FINISH

START

FINISH

lost to
line?

Martin Mole

Quentin Quail

Mr Fox and Ralph Raccoon

Apple Biker

On a number line
The space between 0 and 1 is
divided into 8 equal parts

Fractions must have equal parts



The circle is NOT divided
into 3 equal parts



Apple Biker

NAME: _____

DATE: _____

IDENTIFYING FRACTIONS

naming fractions

Directions: Look at the sets below. Write a fraction that represents the shaded parts of the set.

EX



Number of shaded parts 3
Total number of parts 6

1



Number of shaded parts
Total number of parts
Fraction $\frac{6}{9}$

3



Number
Total

NAME: _____

IDENTIFYING FRACTIONS

how many equal parts

Directions: Look at the models below. Identify how many equal parts each model is divided into.

EX



There are 4 equal parts.
Each part represents $\frac{1}{4}$

1



There are 12 equal parts.
Each part represents $\frac{1}{12}$ of the whole

2



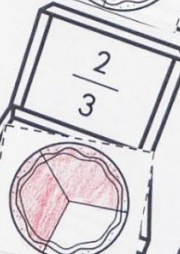
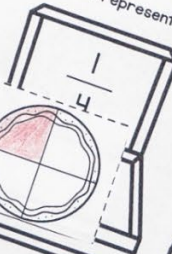
There are 4 equal parts.
Each part represents $\frac{1}{4}$ of the whole

NAME: _____

IDENTIFYING FRACTIONS

pizza pie cut and pasted

Directions: Fraction Pie Pizzeria only puts a fraction of a pizza in each box. Determine which pizza goes in which box and use the pizza to represent the fraction. Paste the fraction of the pizza in the box.



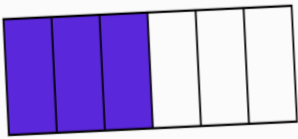


IDENTIFYING FRACTIONS

naming fractions

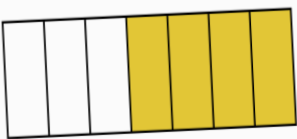
Directions: Look at the models below. Write a fraction that represents the shaded parts in the model.

EX

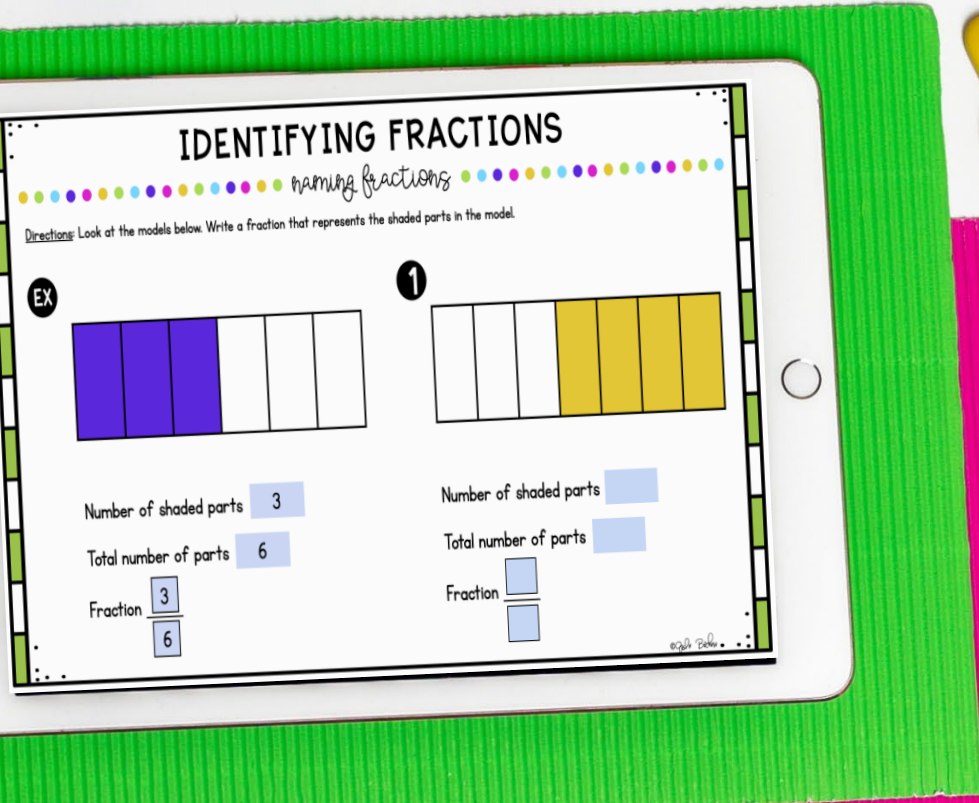


Number of shaded parts 3
Total number of parts 6
Fraction $\frac{3}{6}$

1



Number of shaded parts 3
Total number of parts 6
Fraction $\frac{3}{6}$



NAME: _____

IDENTIFY

Directions: Look at the sets of the set.

EX



NAME: _____

IDENTIFYING FRACTIONS

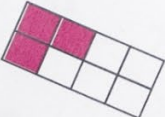
Directions: The animals in Fraction of the race. Draw lines and place them on the track according to the fraction.

representing FRACTIONS

There are different ways to show fractions

$\frac{3}{8}$

Written form



Parts of a set
3 out of 8 shapes are blue

Parts of a whole
3 out of 8 parts are shaded

REMEMBER

NAME: _____

IDENTIFYING FRACTIONS

Directions: Look at the models below. Identify how many equal parts? How many equal parts?

EX

There are 4 equal parts.
Each part represents $\frac{1}{4}$ of the whole.

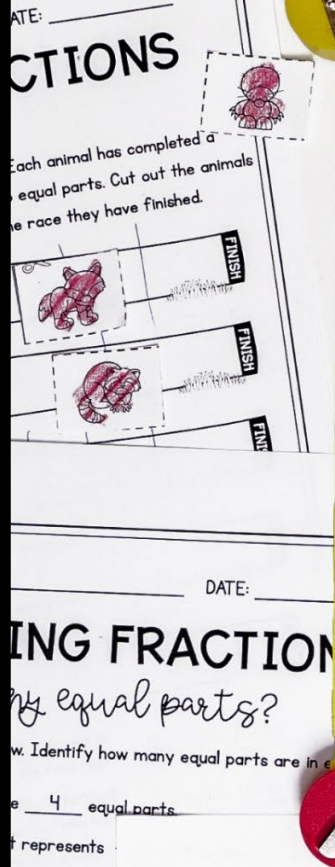
There are 12 equal parts.
Each part represents $\frac{1}{12}$ of the whole.

There are 4 equal parts.
Each part represents $\frac{1}{4}$ of the whole.

There are 8 equal parts.
Each part represents $\frac{1}{8}$ of the whole.

There are 6 equal parts.
Each part represents $\frac{1}{6}$ of the whole.



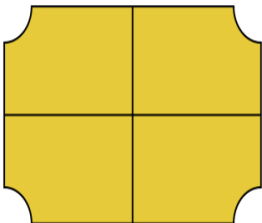


IDENTIFYING FRACTIONS

test review

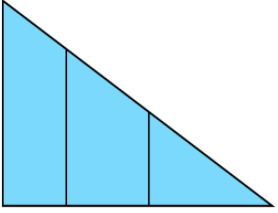
Directions: Decide whether each shape is divided into equal parts and represents a fraction. Drag the mark into the correct box.

1



Equal parts? ☒ Yes ☐ No

2



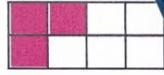
Equal parts? ☒ Yes ☐ No

representing FRACTIONS

There are different ways to show fractions

$\frac{3}{8}$

Written form

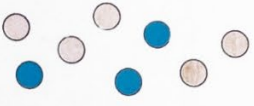


Parts of a whole

3 out of 8 parts are shaded



Parts of a set



IDENTIFYING FRACTIONS

3rd grade

Table of Contents

1. Anchor Charts (2 pages)
2. Equal Parts (5 pages)
3. Naming Fractions (6 pages)
4. Shading Fractions (3 pages)
5. Making Fractions (3 pages)
6. Story Problems (4 pages)
7. Review Games and Activities (10 pages)
8. Test Review (5 pages)
9. Test (5 pages)



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what are

FRACTIONS?

A fraction represents equal parts of a whole

Fractions are written as

part
whole

There is ONE
shaded part



There are FOUR parts
that make up the whole

The NUMERATOR is the
number on top

The numerator represents the
number of parts that you have

1
—
4

The DENOMINATOR is the
number on bottom

The denominator represents the
number of parts the whole is
divided into

✧ ————— representing ————— ✧

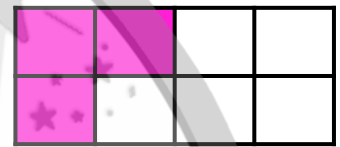
FRACTIONS



There are different ways to show fractions

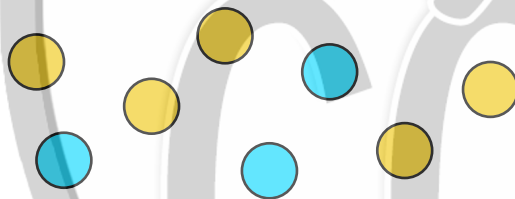
$$\frac{3}{8}$$

Written form



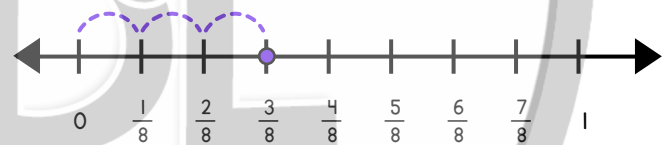
Parts of a whole

3 out of 8 parts are shaded



Parts of a set

3 out of 8 shapes are blue

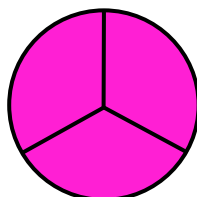


On a number line

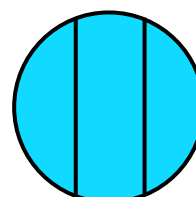
The space between 0 and 1 is divided into 8 equal parts

REMEMBER!

Fractions must have equal parts



The circle is divided into 3 equal parts



The circle is NOT divided into 3 equal parts



NAME: _____

DATE: _____

IDENTIFYING FRACTIONS

equal parts

Directions: Look at the shapes below. Decide whether each shape is divided into equal parts and represents a fraction.

1

Equal parts?

☐

Yes

☐

No

2

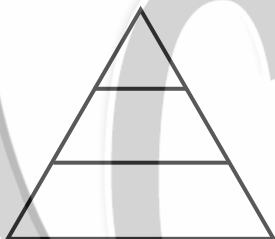
Equal parts?

☐

Yes

☐

No

3

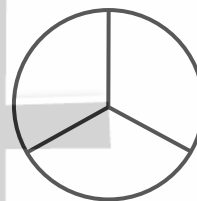
Equal parts?

☐

Yes

☐

No

4

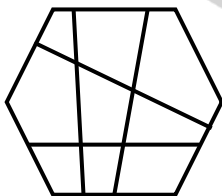
Equal parts?

☐

Yes

☐

No

5

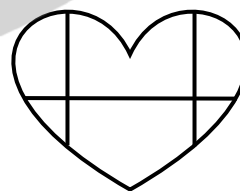
Equal parts?

☐

Yes

☐

No

6

Equal parts?

☐

Yes

☐

No

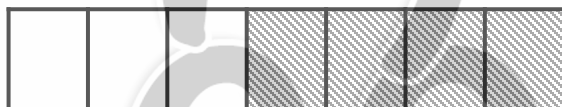
NAME: _____

DATE: _____

IDENTIFYING FRACTIONS

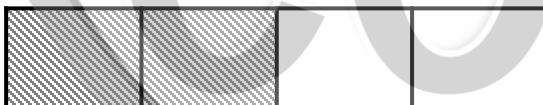
naming fractions

Directions: Look at the models below. Write a fraction that represents the shaded parts in the model.

EXNumber of shaded parts 3Total number of parts 6Fraction $\frac{3}{6}$ **1**

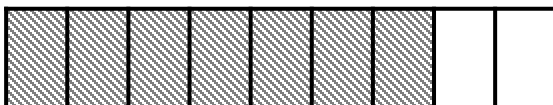
Number of shaded parts _____

Total number of parts _____

Fraction $\frac{\square}{\square}$ **2**

Number of shaded parts _____

Total number of parts _____

Fraction $\frac{\square}{\square}$ **3**

Number of shaded parts _____

Total number of parts _____

Fraction $\frac{\square}{\square}$

NAME: _____

DATE: _____

IDENTIFYING FRACTIONS

naming fractions

Directions: Look at the sets below. Write a fraction that represents the shaded parts of the set.

EXNumber of shaded parts 3Total number of parts 6Fraction $\frac{3}{6}$ **1**

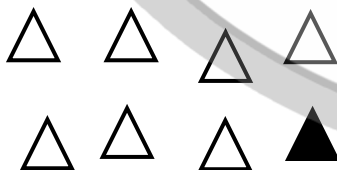
Number of shaded parts _____

Total number of parts _____

Fraction $\frac{\square}{\square}$ **2**

Number of shaded parts _____

Total number of parts _____

Fraction $\frac{\square}{\square}$ **3**

Number of shaded parts _____

Total number of parts _____

Fraction $\frac{\square}{\square}$ **4**

Number of shaded parts _____

Total number of parts _____

Fraction $\frac{\square}{\square}$

NAME: _____

DATE: _____

IDENTIFYING FRACTIONS

shading fractions

Directions: For each set below, shade in the correct number of parts of the set.

EX

$$\frac{5}{6}$$

**1**

$$\frac{2}{8}$$

**2**

$$\frac{4}{9}$$

**3**

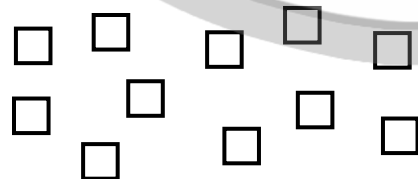
$$\frac{3}{6}$$

**4**

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

**5**

$$\frac{8}{11}$$

**6**

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



NAME: _____

DATE: _____

IDENTIFYING FRACTIONS

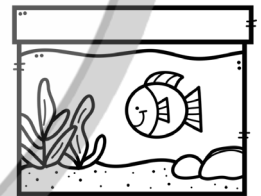
story problems

Directions: Solve the story problems. For each answer, draw a picture and write a fraction.

- 1** At Andrea's birthday party, her cake is cut into 16 pieces. 12 pieces get eaten. What fraction of Andrea's birthday cake has been eaten?



- 2** Nabeel has pet fish. Two of them are goldfish and two of them are betta fish. What fraction of Nabeel's fish are goldfish?



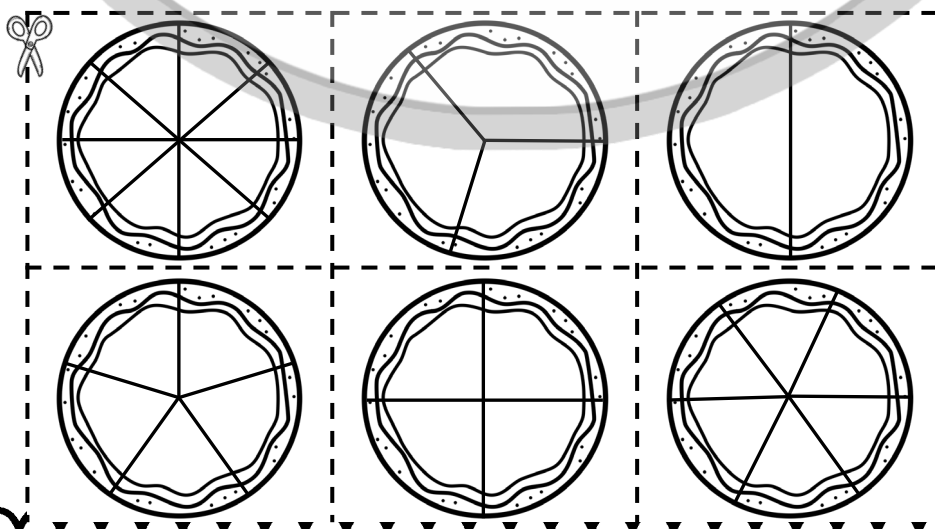
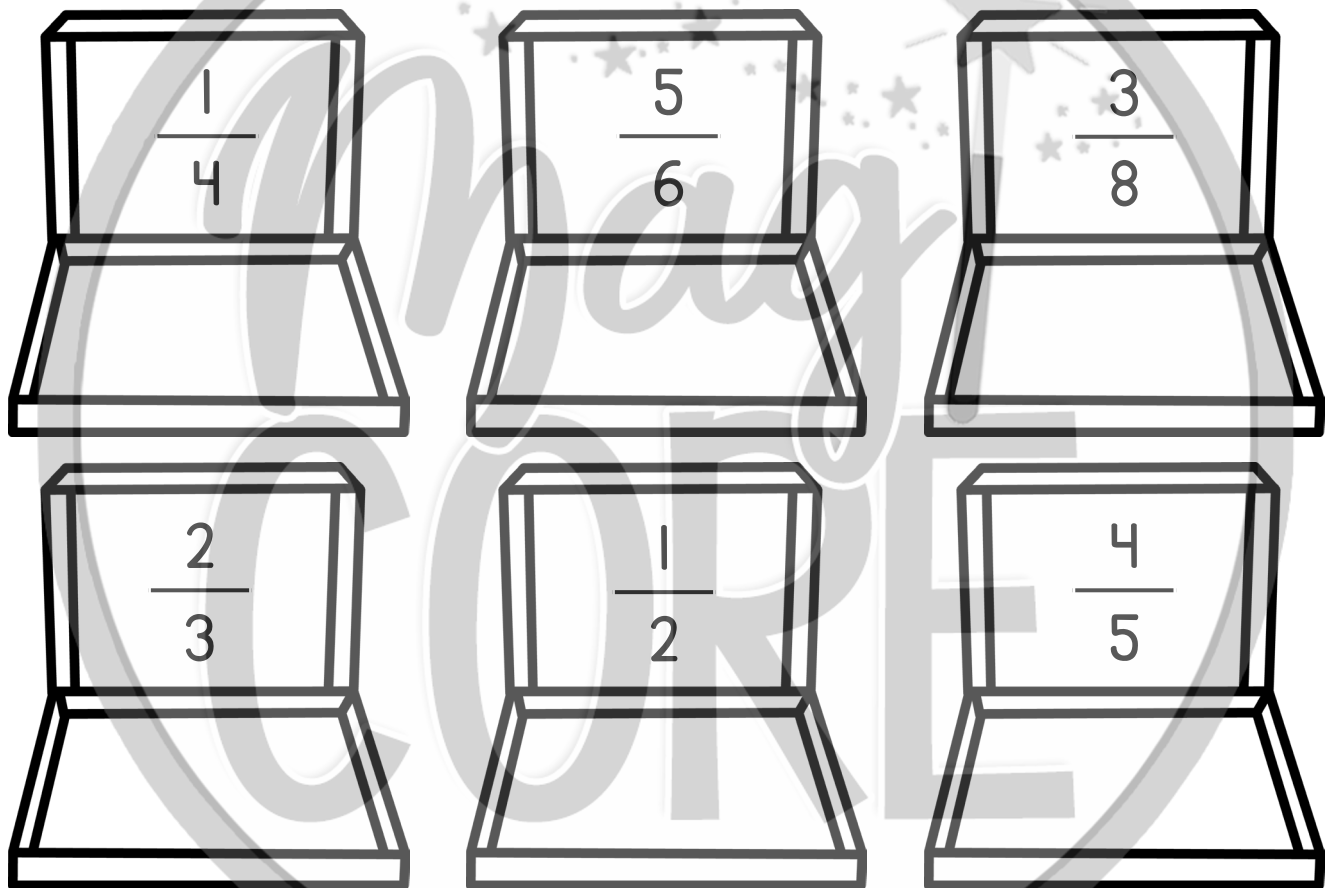
NAME: _____

DATE: _____

IDENTIFYING FRACTIONS

pizza pie cut and paste

Directions: Fraction Pie Pizzeria only puts a fraction of a pizza in each pizza box. Cut out the pizzas below. Determine which pizza goes in which box and use scissors to cut the pizza to represent the fraction. Paste the fraction of the pizza into the box.



NAME: _____

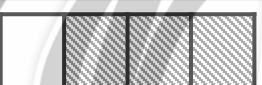
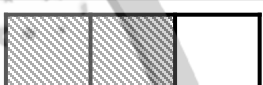
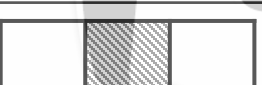
DATE: _____

IDENTIFYING FRACTIONS

create a shape

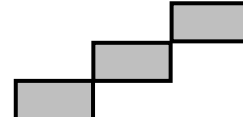
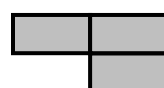
©Gale Bickel

Directions: Roll two dice and add the numbers. Find the matching fraction in the table and shade. Your goal is to create one of the shapes below by shading in the table. Work independently or take turns with a partner to see who can create a shape first.

 Solve	 Solve	 Solve
2 	6 	10 
3 	7 	11 
4 	8 	12 
5 	9 	

$\frac{1}{4}$	$\frac{3}{5}$	$\frac{1}{2}$	$\frac{2}{3}$
$\frac{5}{7}$	$\frac{3}{4}$	$\frac{1}{4}$	$\frac{4}{8}$
$\frac{7}{9}$	$\frac{1}{2}$	$\frac{2}{5}$	$\frac{5}{7}$
$\frac{1}{3}$	$\frac{2}{6}$	$\frac{5}{7}$	$\frac{1}{2}$

goal: Create one of these shapes



NAME: _____

DATE: _____

IDENTIFYING FRACTIONS

test review

Directions: Look at the shapes below. Decide whether each shape is divided into equal parts and represents a fraction.

1

Equal parts?

☐

Yes

☐

No

2

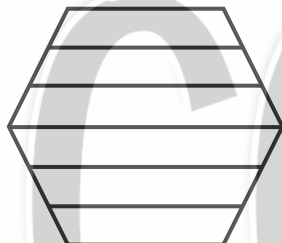
Equal parts?

☐

Yes

☐

No

3

Equal parts?

☐

Yes

☐

No

4

Equal parts?

☐

Yes

☐

No

5

Put a circle around the
numerator in the fraction
below.

$$\frac{5}{15}$$

6

Put a square around the
denominator in the fraction
below.

$$\frac{2}{7}$$

NAME: _____

DATE: _____

IDENTIFYING FRACTIONS

test

Directions: Look at the shapes below. Decide whether each shape is divided into equal parts and represents a fraction.

1

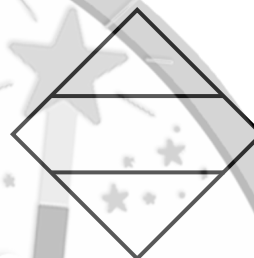
Equal parts?

☐

Yes

☐

No

2

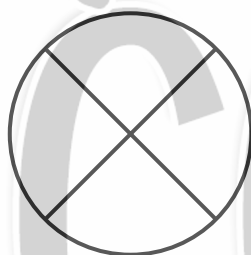
Equal parts?

☐

Yes

☐

No

3

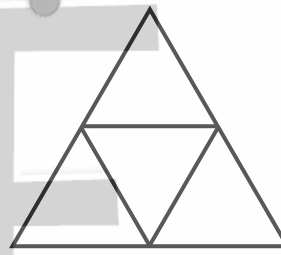
Equal parts?

☐

Yes

☐

No

4

Equal parts?

☐

Yes

☐

No

5

Put a circle around the denominator in the fraction below.

$$\frac{3}{6}$$

6

Put a square around the numerator in the fraction below.

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

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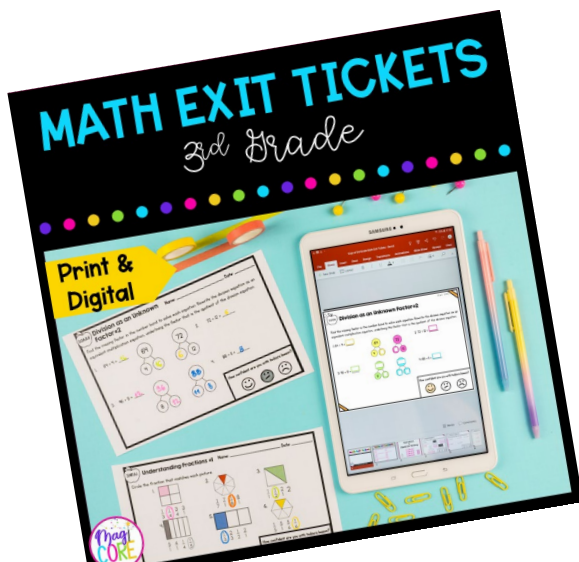


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