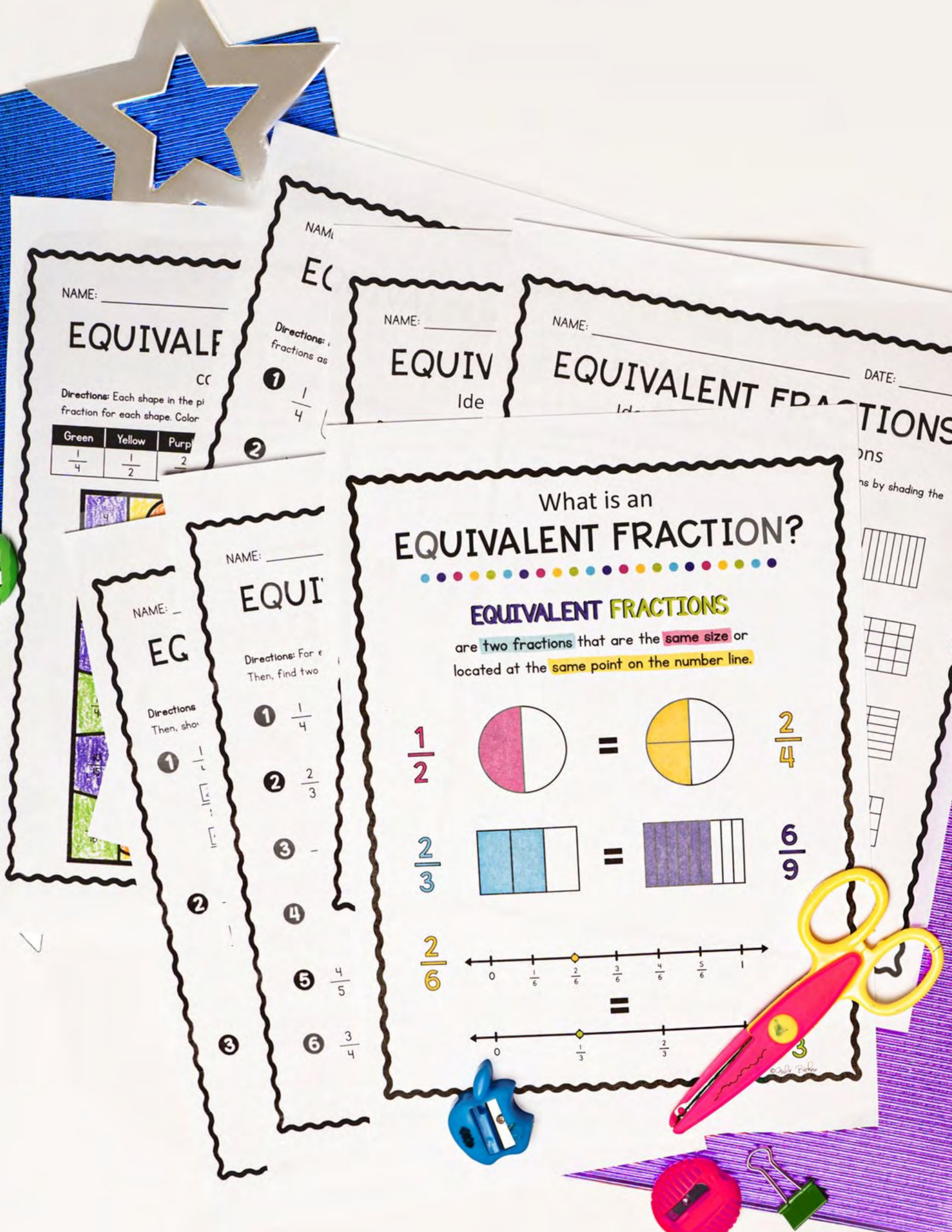
EQUIVALENT FRACTIONS

4th Grade



Printable & Google Slides


NAME:
EQUIVALE
Directions: Each shape in the pi
fraction for each shape. Color
Green
Yellow
Purp
NAME:
EQUIV
Ide
NAME:
EQUIVALENT FRA
DATE:
TIONS
ns
ns by shading the
NAME:
EQUI
Directions: For e
Then, find two
NAME:
EG
Directions
Then, sho
What is an
EQUIVALENT FRACTION?
EQUIVALENT FRACTIONS
are two fractions that are the same size or
located at the same point on the number line.
1/2 = 2/4
2/3 = 6/9
2/6 =
0
1/6
2/6
3/6
4/6
5/6
1
=
0
1/3
2/3
1

NAME:

EQUIVALENT FRACTIONS

Identifying equivalent fractions

Directions: For each given fraction below, create equivalent fractions by shading the diagram and writing the equivalent fraction.

1. $\frac{1}{3} = \frac{2}{6} = \frac{3}{9}$
2. $\frac{3}{4} = \frac{6}{8} = \frac{9}{12}$
3. $\frac{1}{2} = \frac{2}{4} = \frac{4}{8}$
4. $\frac{4}{5} = \frac{8}{10}$

NAME:

EQUIVALENT FR

Fraction strip

Directions: Show each given fraction by partitioning an
Then, show equivalent fractions with the given denomin

1. $\frac{1}{4}$ $\frac{2}{8}$ $\frac{4}{16}$
2. $\frac{4}{8}$ $\frac{1}{2}$

DATE:

NT CTION

ent frac

it on the ning and sha
the frac on the pie

NAME:

EQUIVALENT FRA

tifying equivalent frac

fraction below, create equivalent fractions by shad
equivalent fraction.

$= \frac{2}{4} = \frac{4}{8}$

EQUIVALENT FRACTIONS

identifying equivalent fractions

Directions: For each given fraction below, create equivalent fractions. Shade the diagrams by selecting the parts you want to shade and using the paint bucket tool. Write the equivalent fractions.

1. $\frac{1}{2} = \frac{\quad}{4} = \frac{\quad}{8}$
2. $\frac{1}{4} = \frac{\quad}{8} = \frac{\quad}{16}$
3. $\frac{2}{3} = \frac{\quad}{6} = \frac{\quad}{12}$

ME:

EQUIVALEN

color

Directions: Each shape in the picture
fraction for each shape. Color the sh

Green	Yellow	Purple	
$\frac{1}{4}$	$\frac{1}{2}$	$\frac{2}{3}$	

EQUIVALENT

EQUIVALENT FRACT

are two fractions that are the same
located at the same point on the number

3/2

6/2

6/6

4/

NAME: _____ DATE: _____

EQUIVALENT FRACTIONS

equivalent fraction pies

NAME: _____

DATE: _____

IVALENT FRACTIONS

dentifying equivalent fractions

h given fraction below, create equivalent fractions by shading the
the equivalent fraction.

$\square = \frac{2}{4} = \frac{4}{8}$

DATE: _____

FRACTIONS

ivalent fractions

create equivalent fractions by shading the
on.

$\frac{3}{9}$

$\frac{9}{12}$

DATE: _____

VALENT FRACTIONS

color by number

shape in the picture contains a fraction. Use the key to find an equivalent
h shape. Color the shapes according to the key.

llow	Purple	Red	Blue	Pink	Brown	Orange
$\frac{1}{2}$	$\frac{2}{3}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{3}{8}$	$\frac{2}{5}$	$\frac{3}{4}$



$\frac{\square}{12}$

$\frac{\square}{24}$

What is an

EQUIVALENT FRACTION?

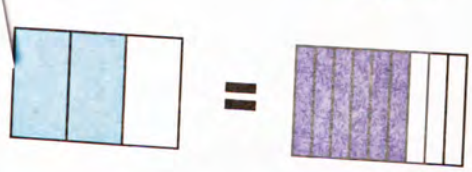
EQUIVALENT FRACTIONS

are two fractions that are the same size or located at the same point on the number line.



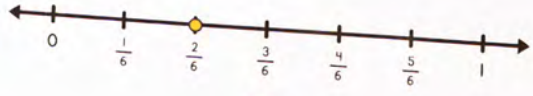
$= \frac{2}{4}$

3



$= \frac{6}{9}$

$\frac{2}{6}$



$=$



$\frac{1}{3}$


NAME:
EQUIVALENT FRACTIONS
DATE:
color by number
Directions: Each shape in the picture contains a fraction. Use the key to find an equivalent fraction for each shape. Color the shapes according to the key.
Green
Yellow
Purple
Red
Blue
Pink
Brown
Orange
EQUIVALENT FRACTIONS
number lines
Directions: Plot each given fraction on the number line. Drag the vertical lines to partition the number line and the dot to plot the fraction. Then, show equivalent fractions with the given denominators on the number lines. Write the equivalent fractions.
Drag to partition
Drag to plot
What is an
EQUIVALENT FRACT
Identifying equivalent fracti


DATE:
UIVALENT FRACTIONS
equivalent fraction pies
What is an
UIVALENT FRACTION?
EQUIVALENT FRACTIONS
NAME:
DATE:
EQUIVALENT FRACTIONS
Identifying equivalent fractions
Directions: For each given fraction below, create equivalent fractions by shading the diagram and writing the equivalent fraction.
EQUIVALENT FRACTIONS
equivalent fraction pies
Directions: For each given fraction below, show it on the pie. Partition the pie using the line tool \ and shade with the scribble tool ⇆. Then, find two equivalent fractions. Write the fractions and partition and shade to show on the pie.
EQUIVALENT FRACTIONS
EQUIVALENT FRACTIONS

EQUIVALENT FRACTIONS

4th grade

Table of Contents

1. Anchor Chart (2 pages)
2. Equivalent Fractions with Visual Models (9 pages)
3. Equivalent Fractions with Multiplication (3 pages)
4. Equivalent Fractions Games and Activities (6 pages)
5. Equivalent Fractions Word Problems (4 pages)
6. Test Review (4 pages)
7. Test (4 pages)



THANK YOU FOR PURCHASING THIS COMMON CORE KINGDOM DIGITAL RESOURCE!

The Google Slides version of this resource requires that you make a copy of the resource to your own Google Drive.

CLICK HERE TO MAKE A COPY OF THIS RESOURCE TO YOUR GOOGLE DRIVE.

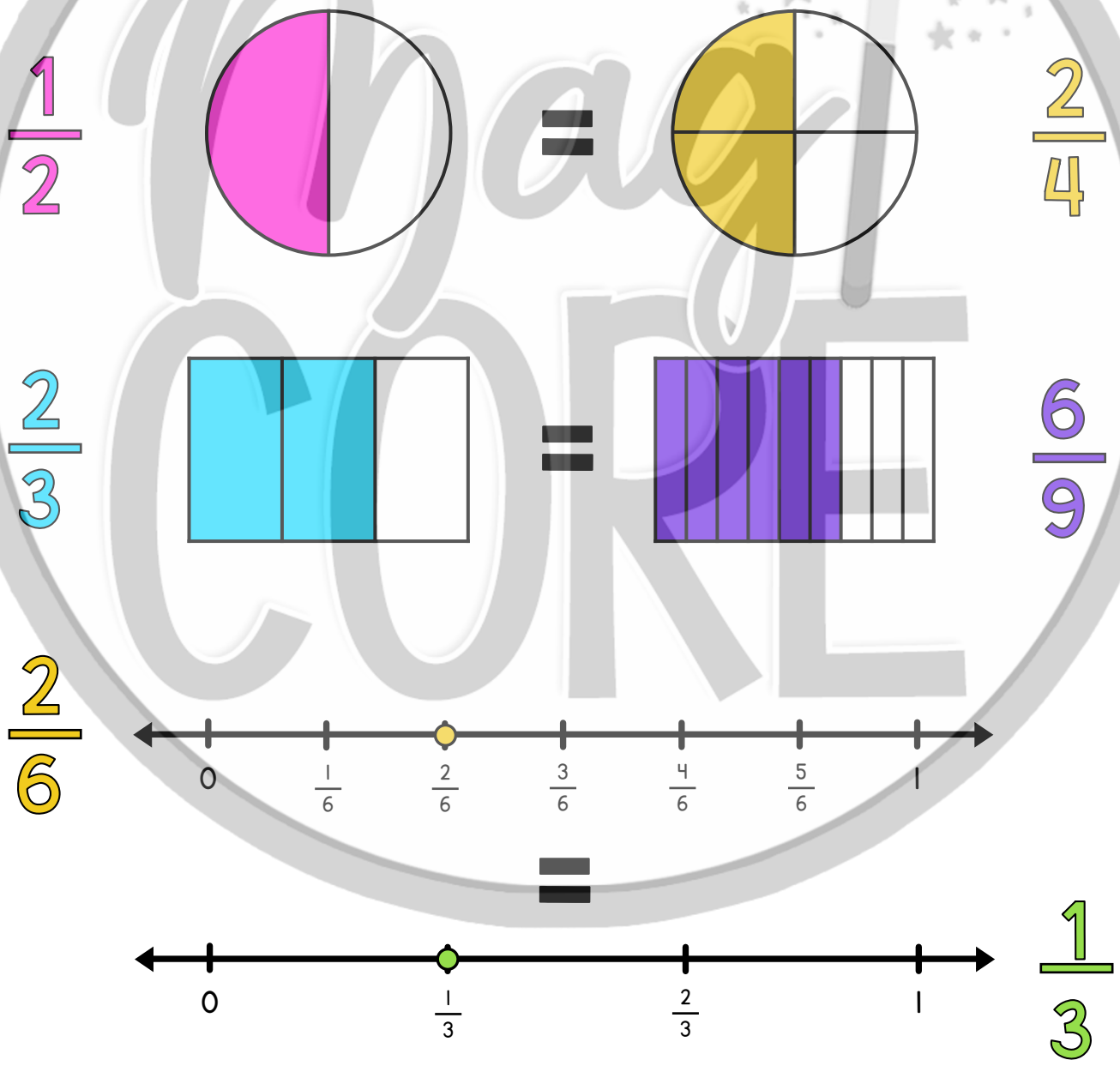
* You MUST have a Google account in order to access this resource. Click HERE if you need help setting up a Google account.

what is an

EQUIVALENT FRACTION?

EQUIVALENT FRACTIONS

are two fractions that are the same size or located at the same point on the number line.



©Julie Bochorse

FINDING EQUIVALENT FRACTIONS

You can find equivalent fractions for any given fraction by multiplying the NUMERATOR and the DENOMINATOR by the same number.

ORGINAL FRACTION	MULTIPLICATION	EQUIVALENT FRACTION
$\frac{1}{4}$	$\frac{1}{4} \times \frac{2}{2}$	$\frac{2}{8}$
$\frac{1}{4}$	$\frac{1}{4} \times \frac{3}{3}$	$\frac{3}{12}$
$\frac{1}{4}$	$\frac{1}{4} \times \frac{5}{5}$	$\frac{5}{20}$
$\frac{1}{4}$	$\frac{1}{4} \times \frac{10}{10}$	$\frac{10}{40}$
$\frac{1}{4}$	$\frac{1}{4} \times \frac{25}{25}$	$\frac{25}{100}$

©Julie Bochorse

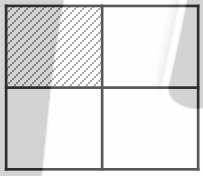
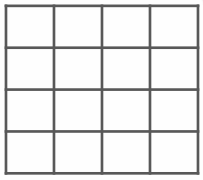
NAME: _____ DATE: _____

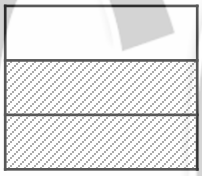
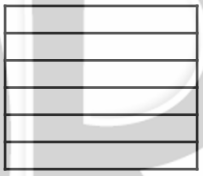
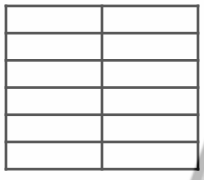
EQUIVALENT FRACTIONS

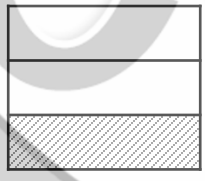
identifying equivalent fractions

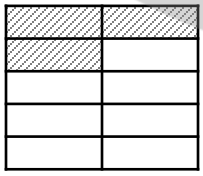
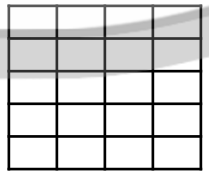
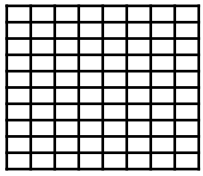
Directions: For each given fraction below, create equivalent fractions by shading the diagram and writing the equivalent fraction.

1. $\frac{1}{2}$  $= \frac{\square}{4}$  $= \frac{\square}{8}$ 

2. $\frac{1}{4}$  $= \frac{\square}{8}$  $= \frac{\square}{16}$ 

3. $\frac{2}{3}$  $= \frac{\square}{6}$  $= \frac{\square}{12}$ 

4. $\frac{1}{3}$  $= \frac{\square}{9}$  $= \frac{\square}{15}$ 

5. $\frac{3}{10}$  $= \frac{\square}{20}$  $= \frac{\square}{80}$ 

©Julie Bacheose

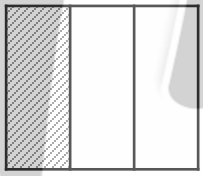
NAME: _____ DATE: _____

EQUIVALENT FRACTIONS

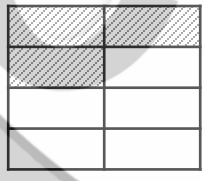
identifying equivalent fractions

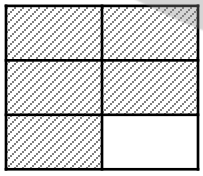
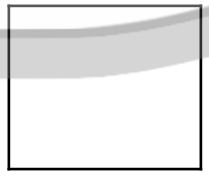
Directions: For each given fraction below, create equivalent fractions by partitioning and shading the diagram and writing the equivalent fraction.

1. $\frac{3}{4}$  $= \frac{\square}{8}$  $= \frac{\square}{12}$ 

2. $\frac{1}{3}$  $= \frac{\square}{6}$  $= \frac{\square}{9}$ 

3. $\frac{1}{2}$  $= \frac{\square}{6}$  $= \frac{\square}{10}$ 

4. $\frac{3}{8}$  $= \frac{\square}{16}$  $= \frac{\square}{32}$ 

5. $\frac{5}{6}$  $= \frac{\square}{12}$  $= \frac{\square}{18}$ 

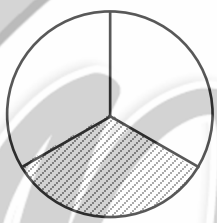
©Julie Bacheose

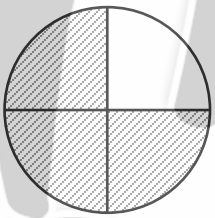
NAME: _____ DATE: _____

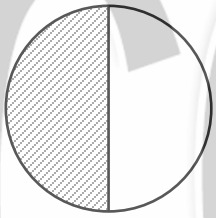
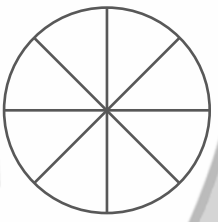
EQUIVALENT FRACTIONS

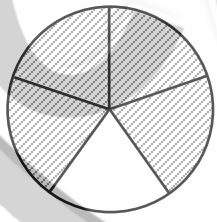
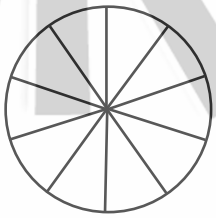
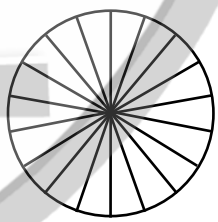
identifying equivalent fractions

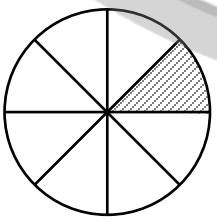
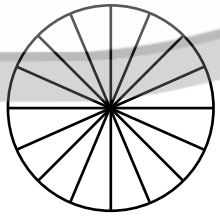
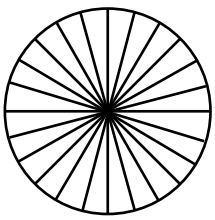
Directions: For each given fraction below, create equivalent fractions by shading the diagram and writing the equivalent fraction.

1. $\frac{1}{3}$  $= \frac{\square}{6}$  $= \frac{\square}{9}$ 

2. $\frac{3}{4}$  $= \frac{\square}{8}$  $= \frac{\square}{12}$ 

3. $\frac{1}{2}$  $= \frac{\square}{4}$  $= \frac{\square}{8}$ 

4. $\frac{4}{5}$  $= \frac{\square}{10}$  $= \frac{\square}{15}$ 

5. $\frac{1}{8}$  $= \frac{\square}{16}$  $= \frac{\square}{24}$ 

©Julie Bacheor

Terms of Use

How Can I Use This Resource?

Thank you for trusting MagiCore. Our mission is to create resources that support teachers and promote student success. Please note that this resource is licensed for use by a single teacher in a classroom setting. If you need to use this resource with more than one teacher and/or across multiple classrooms, additional licenses are available at a discount. You can purchase additional licenses by visiting your TPT "Purchases" page and then selecting "Download Additional Licenses" or by contacting me at julie@magicorelearning.com.



Good to Go



Not O.K.

- Use this resource personally or with your own children.
- Use this resource in your own classroom with your students.
- Provide this resource to your students to use at your instruction.
- Print and/or copy for use in your own classroom.
- Provide printed pages to a substitute teacher with the sole purpose of instructing your students.
- Share with your students via a secure document portal or electronic learning platform that requires individual user verification and limits access to only the students in your own classroom (e.g. Google Classroom).
- Review this resource with others with the sole purpose of recommending it to others for purchase, provided you share one of the links below:

https://magicorelearning.com/

https://www.teacherspayteachers.com/Store/Magicore

- Share with others to use personally.
- Share with others to use in another classroom.
- Print or copy any page(s) and distribute them to other teachers or other classrooms.
- Publish or host online in a manner where any of the material is accessible to anyone who is not a student in your own classroom., including but not limited to personal, classroom, or district websites that are accessible to the general public.
- Use this resource commercially (e.g. Outschool).
- Publish, sell, or otherwise distribute this product to anyone in manner inconsistent with these terms of use.

© Copyright 2020, 2021. All rights reserved. The unlicensed reproduction or distribution of this product is strictly prohibited. Permission is granted to the original purchaser or licensee to make copies to use with students and/or to assign to students digitally providing it is only available to students assigned directly to the purchaser. Placing this product in any manner that makes it accessible to the general public is strictly forbidden. Commercial use, including but not limited to online or in person classes, is prohibited. Contact julie@magicorelearning.com for commercial licensing information. Sharing without permission or hosting online in a public manner is a violation of the Digital Millennium Copyright Act (DMCA). These terms may be updated at any time. You can see the most up to date Terms of Use at https://magicorelearning.com/terms-of-use.

Let's Connect!

www.magicorelearning.com

https://www.teacherspayteachers.com/Store/magicore

https://www.facebook.com/MagiCoreLearning

https://www.instagram.com/magicorelearning

https://www.pinterest.com/magicorelearning/_shop/

Julie@magicorelearning.com

Looking for more?





Membership Opportunity!

If you love these resources and want access to more, check out my membership opportunity with the Core Kingdom Club.

Join my Core Kingdom Club waitlist!

Core Kingdom Club opens its membership doors twice a year to offer teachers all the resources you love, with a membership discount. You can also find support through my custom learning plan.

Find out more magicorelearning.com/membership .



CREDITS