Fractions: Practice With Pictures ABOUT THIS RESOURCE

This is a fun way to help your students practice and review their fraction skills while also integrating art.

Students are given drawing instructions and must use their knowledge of fractions in order to draw a scene correctly.

The activities are differentiated – you can have students complete the activities both with or without an understanding of reducing or enlarging fractions.

These drawings make an easy bulletin board display.

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Fractions: Practice With Pictures No Reducing/Enlarging Required

In these activities, students only need a basic understanding of fractions in order to be successful. They will not need to reduce or enlarge fractions.

Use these as a math center or a fun homework activity after students have already been introduced to fractions.

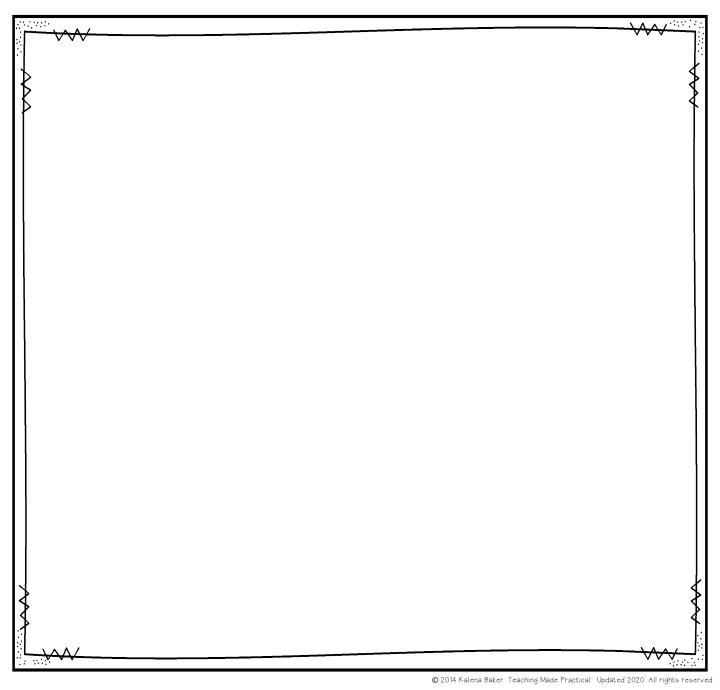
No Reducing/Enlarging Required

Pages 3 - 11

Park Scene

Follow the instructions below to create a park scene using fractions!

- 1. Draw 3 trees: $\frac{1}{3}$ of the trees have apples, $\frac{2}{3}$ of the trees have no apples.
- 2. Draw 6 flowers: $\frac{4}{6}$ of the flowers are yellow, $\frac{2}{6}$ of the flowers are red.
- 3. Draw 8 birds: $\frac{5}{8}$ of the birds are in the air, $\frac{2}{8}$ of the birds are perched on trees, and $\frac{1}{8}$ of the birds are on the ground.
- 4. Draw 2 butterflies: $\frac{1}{2}$ of the butterflies are blue and $\frac{1}{2}$ of the butterflies are green.
- 5. Ādd a sun, clouds, and grass!



Party Scene

Follow the instructions below to create a birthday party scene using fractions!

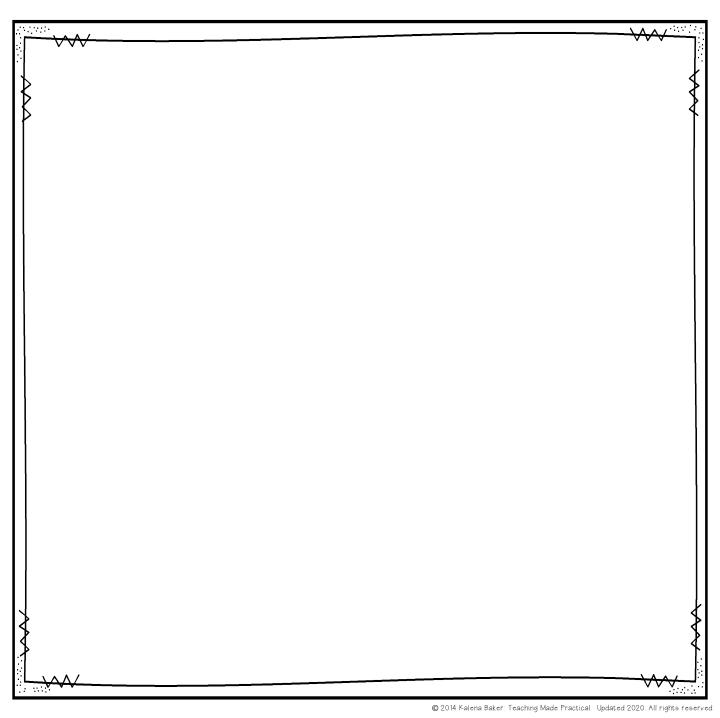
- 1. Draw a table with 10 presents on it. Color $\frac{3}{10}$ of the gifts red, $\frac{2}{10}$ of the gifts orange, and $\frac{5}{10}$ of the gifts purple.
- 2. Draw 5 kids around the table. Make $\frac{2}{5}$ of the kids boys and $\frac{3}{5}$ of the kids girls.
- 3. Draw party hats on $\frac{4}{5}$ of the kids, and draw no hat on $\frac{1}{5}$ of the kids.
- 4. Draw 12 balloons. Color $\frac{6}{12}$ of the balloons yellow, $\frac{4}{12}$ of the balloons green, and $\frac{2}{12}$ of the balloons blue.
- 5. Add other birthday party decorations.

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Rainy Day Scene

Follow the instructions below to create a rainy day scene using fractions!

- 1. Draw 4 people: $\frac{2}{4}$ of the people are girls, $\frac{2}{4}$ of the people are boys.
- 2. Give $\frac{3}{4}$ of the people umbrellas. $\frac{1}{4}$ of the people have no umbrellas.
- 3. Color $\frac{1}{3}$ of the umbrellas red, and $\frac{2}{3}$ of the umbrellas yellow.
- 4. Draw 5 clouds. $\frac{3}{5}$ of the clouds are on the left side of the picture, $\frac{2}{5}$ of the clouds are on the right side of the picture.
- 5. Add rain!



Kite Scene

Follow the instructions below to create a kite scene using fractions!

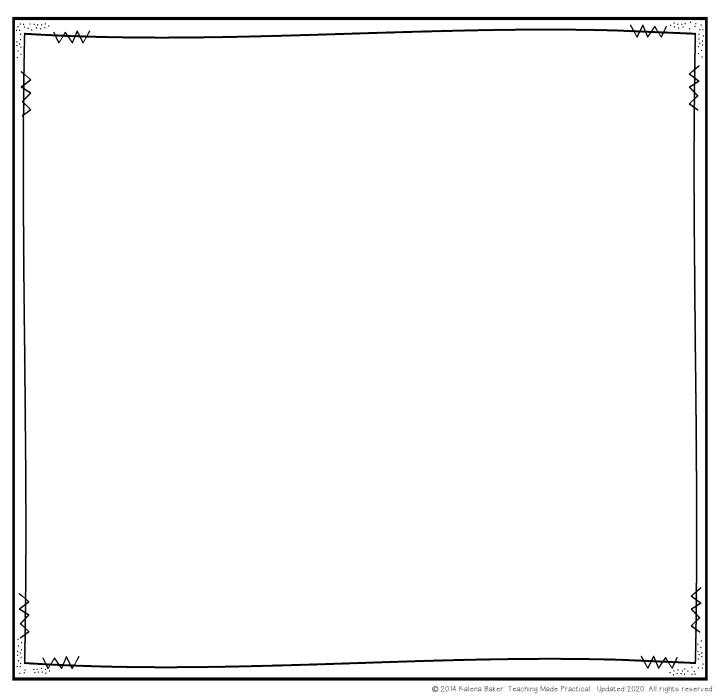
- 1. Draw 6 kids. Give $\frac{4}{6}$ of the kids red hats and $\frac{2}{6}$ of the kids yellow hats.
- 2. Give every kid a kite. Color $\frac{3}{6}$ of the kites blue and $\frac{3}{6}$ of the kites purple.
- 3. Draw 4 butterflies. Color $\frac{1}{4}$ of the butterflies green and $\frac{3}{4}$ of the butterflies orange.
- 4. Draw 8 flowers. Color $\frac{6}{8}$ of the flowers red and $\frac{2}{8}$ of the flowers yellow.
- 5. Add a sun, clouds, and grass!



Neighborhood Scene

Follow the instructions below to create a neighborhood scene using fractions!

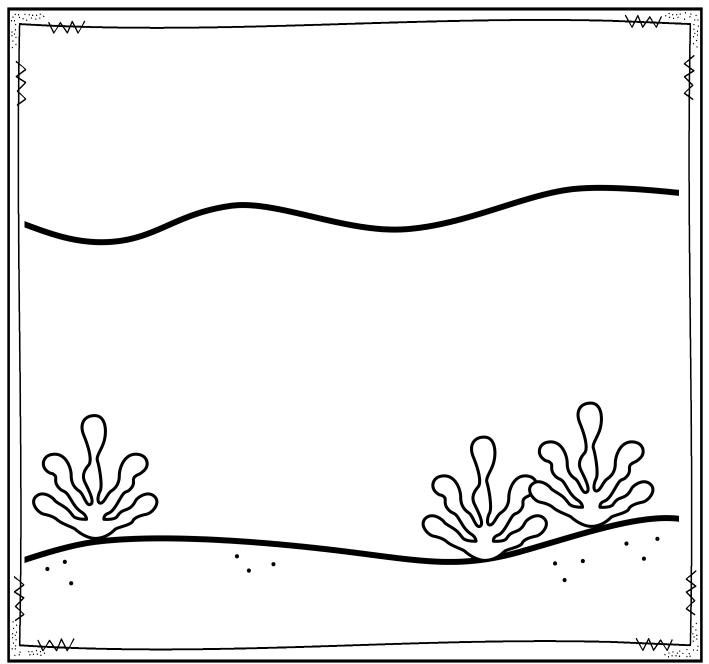
- 1. Draw 6 houses. $\frac{4}{6}$ of the houses have chimneys and $\frac{2}{6}$ of the houses have no chimneys.
- 2. Give $\frac{5}{6}$ of the houses windows and the other $\frac{1}{6}$ of the houses a garage.
- 3. Draw 9 birds. Color $\frac{1}{9}$ of the birds red, $\frac{3}{9}$ of the birds blue, and $\frac{5}{9}$ of the birds brown.
- 4. Draw 4 bicycles. Color $\frac{2}{4}$ of the bicycles red and $\frac{2}{4}$ of the bicycles yellow.
- 5. Add some kids playing and color the rest of the scene!



Ocean Scene

Follow the instructions below to create an ocean scene using fractions!

- 1. Draw a large boat with 3 people on top of the water. Make $\frac{1}{3}$ of the people girls and $\frac{2}{3}$ of the people boys.
- 2. Draw 9 fish in the water. Color $\frac{3}{9}$ of the fish yellow, $\frac{3}{9}$ of the fish blue, and $\frac{3}{9}$ of the fish green.
- 3. Draw 4 starfish. Color $\frac{2}{4}$ of the starfish yellow and $\frac{2}{4}$ of the starfish orange.
- 4. Color $\frac{3}{3}$ of the coral pink.
- 5. Add another ocean animal!



Camping Scene

Follow the instructions below to create a camping scene using fractions!

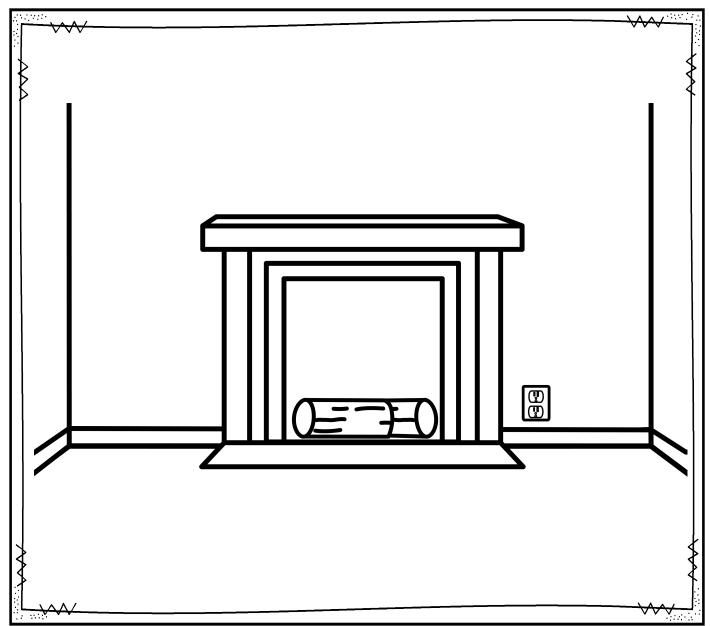
- 1. Draw 15 stars. Draw $\frac{3}{15}$ of the stars to the left of the trees, $\frac{6}{15}$ of the stars above the trees, and $\frac{6}{15}$ of the stars to the right of the trees.
- 2. Draw 3 more tents, for a total of 4 tents. Color $\frac{2}{4}$ of the tents red and $\frac{2}{4}$ of the tents blue.
- 3. Draw 3 wood piles for a fire. $\frac{1}{3}$ of the wood piles have a fire.
- 4. Draw 5 flowers. Color $\frac{2}{5}$ of the flowers yellow, and color $\frac{3}{5}$ of the flowers blue.
- 5. Color in the rest of the camp scene!



Fireplace Scene

Follow the instructions below to create a fireplace scene using fractions!

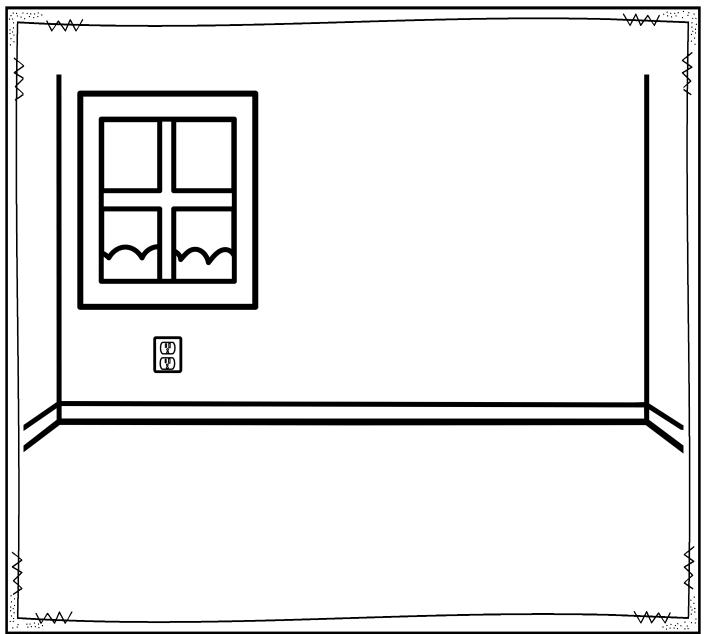
- 1. Draw 5 picture frames. Place $\frac{2}{5}$ of the frames to the right of the mantle, $\frac{2}{5}$ above the mantle, and $\frac{1}{5}$ to the left of the mantle.
- 2. Draw 8 candles on the mantle. Light $\frac{6}{8}$ of the candles. Leave $\frac{2}{8}$ of the candles unlit.
- 3. Color $\frac{4}{8}$ of the candles green, $\frac{1}{8}$ of the candles blue, and $\frac{3}{8}$ of the candles red.
- 4. Draw 9 toys on the ground. Color $\frac{3}{9}$ of the toys yellow, $\frac{1}{9}$ of the toys orange, and $\frac{5}{9}$ of the toys blue.
- 5. Add a fire and color in the rest of the scene!



House Scene

Follow the instructions below to create a house scene using fractions!

- 1. Draw 3 tables small tables. Draw a bowl on $\frac{2}{3}$ of the tables. Draw a book on $\frac{1}{3}$ of the tables.
- 2. Draw a rug with 8 stripes on it. Color $\frac{2}{8}$ of the stripes blue and $\frac{6}{8}$ of the stripes green.
- 3. Draw 4 shelves. Draw picture frames on $\frac{2}{4}$ of the shelves. Leave $\frac{2}{4}$ of the shelves empty.
- 4. Draw 6 balls on ground. Draw stripes on $\frac{2}{6}$ of the balls and polka dots on $\frac{4}{6}$ of the balls.
- 5. Color in the rest of the scene!



Fractions: Practice With Pictures Reducing/Enlarging Required

In these activities, students must have an understanding of reducing and enlarging fractions in order to complete some of the instructions successfully.

Use these as a math center or a fun homework activity after students have already been introduced to fractions.

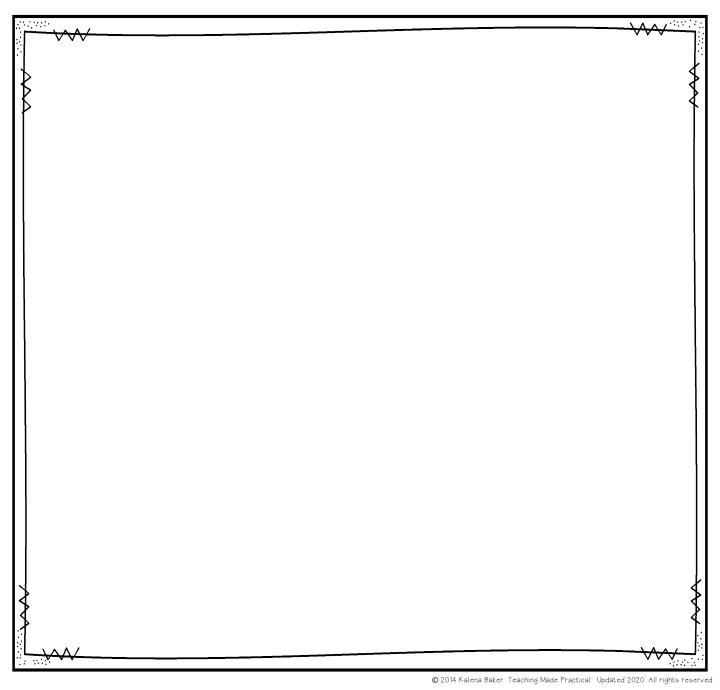
Reducing/Enlarging Required

Pages 13 - 21

Park Scene

Follow the instructions below to create a park scene using fractions!

- 1. Draw 3 trees: $\frac{1}{3}$ of the trees have apples, $\frac{2}{3}$ of the trees have no apples.
- 2. Draw 6 flowers: $\frac{2}{3}$ of the flowers are yellow, $\frac{1}{3}$ of the flowers are red.
- 3. Draw 8 birds: $\frac{5}{8}$ of the birds are in the air, $\frac{1}{4}$ of the birds are perched on trees, and $\frac{1}{8}$ of the birds are on the ground.
- 4. Draw 2 butterflies: $\frac{1}{2}$ of the butterflies are blue and $\frac{1}{2}$ of the butterflies are green.
- 5. Ādd a sun, clouds, and grass!



Party Scene

Follow the instructions below to create a birthday party scene using fractions!

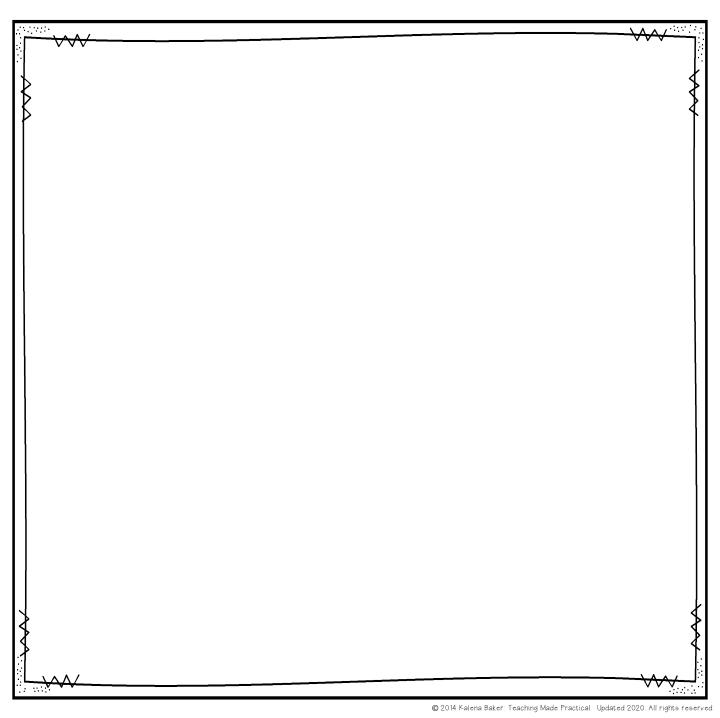
- 1. Draw a table with 10 presents on it. Color $\frac{3}{10}$ of the gifts red, $\frac{1}{5}$ of the gifts orange, and $\frac{1}{2}$ of the gifts purple.
- 2. Draw 5 kids around the table. Make $\frac{2}{5}$ of the kids boys and $\frac{3}{5}$ of the kids girls.
- 3. Draw party hats on $\frac{4}{5}$ of the kids, and draw no hat on $\frac{1}{5}$ of the kids.
- 4. Draw 12 balloons. Color $\frac{1}{2}$ of the balloons yellow, $\frac{1}{3}$ of the balloons green, and $\frac{1}{6}$ of the balloons blue.
- 5. Add other birthday party decorations.

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Rainy Day Scene

Follow the instructions below to create a rainy day scene using fractions!

- 1. Draw 4 people: $\frac{1}{2}$ of the people are girls, $\frac{1}{2}$ of the people are boys.
- 2. Give $\frac{3}{4}$ of the people umbrellas. $\frac{1}{4}$ of the people have no umbrellas.
- 3. Color $\frac{1}{3}$ of the umbrellas red, and $\frac{2}{3}$ of the umbrellas yellow.
- 4. Draw 5 clouds. $\frac{3}{5}$ of the clouds are on the left side of the picture, $\frac{2}{5}$ of the clouds are on the right side of the picture.
- 5. Add rain!



Kite Scene

Follow the instructions below to create a kite scene using fractions!

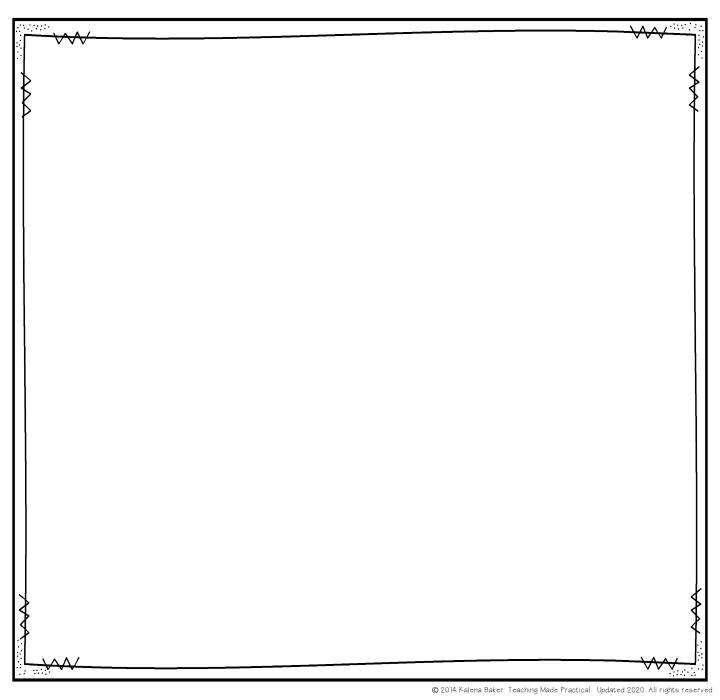
- 1. Draw 6 kids. Give $\frac{2}{3}$ of the kids red hats and $\frac{1}{3}$ of the kids yellow hats.
- 2. Give every kid a kite. Color $\frac{1}{2}$ of the kites blue and $\frac{1}{2}$ of the kites purple.
- 3. Draw 4 butterflies. Color $\frac{1}{4}$ of the butterflies green and $\frac{3}{4}$ of the butterflies orange.
- 4. Draw 8 flowers. Color $\frac{3}{4}$ of the flowers red and $\frac{1}{4}$ of the flowers yellow.
- 5. Add a sun, clouds, and grass!



Neighborhood Scene

Follow the instructions below to create a neighborhood scene using fractions!

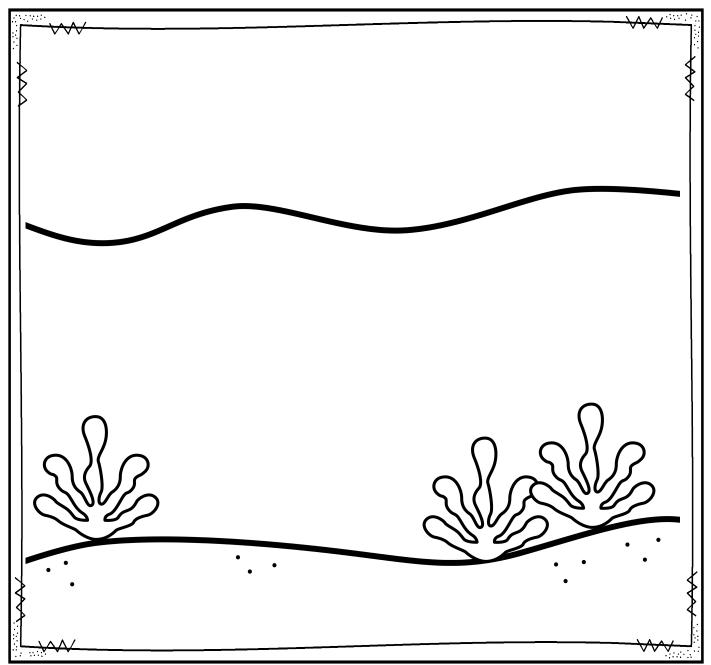
- 1. Draw 6 houses. $\frac{2}{3}$ of the houses have chimneys and $\frac{1}{3}$ of the houses have no chimneys.
- 2. Give $\frac{5}{6}$ of the houses windows and the other $\frac{1}{6}$ of the houses a garage.
- 3. Draw 9 birds. Color $\frac{1}{9}$ of the birds red, $\frac{1}{3}$ of the birds blue, and $\frac{5}{9}$ of the birds brown.
- 4. Draw 4 bicycles. Color $\frac{1}{2}$ of the bicycles red and $\frac{1}{2}$ of the bicycles yellow.
- 5. Add some kids playing and color the rest of the scene!



Ocean Scene

Follow the instructions below to create an ocean scene using fractions!

- 1. Draw a large boat with 3 people on top of the water. Make $\frac{1}{3}$ of the people girls and $\frac{2}{3}$ of the people boys.
- 2. Draw 9 fish in the water. Color $\frac{1}{3}$ of the fish yellow, $\frac{1}{3}$ of the fish blue, and $\frac{1}{3}$ of the fish green.
- 3. Draw 4 starfish. Color $\frac{1}{2}$ of the starfish yellow and $\frac{1}{2}$ of the starfish orange.
- 4. Color $\frac{3}{3}$ of the coral pink.
- 5. Add another ocean animal!



Camping Scene

Follow the instructions below to create a camping scene using fractions!

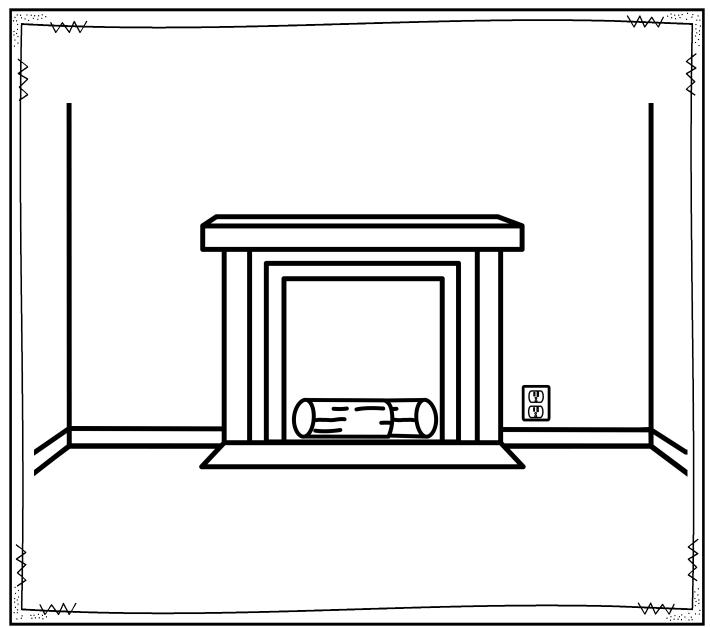
- 1. Draw 15 stars. Draw $\frac{1}{5}$ of the stars to the left of the trees, $\frac{2}{5}$ of the stars above the trees, and $\frac{2}{5}$ of the stars to the right of the trees.
- 2. Draw 3 more tents, for a total of 4 tents. Color $\frac{1}{2}$ of the tents red and $\frac{1}{2}$ of the tents blue.
- 3. Draw 3 wood piles for a fire. $\frac{1}{3}$ of the wood piles have a fire.
- 4. Draw 5 flowers. Color $\frac{2}{5}$ of the flowers yellow, and color $\frac{3}{5}$ of the flowers blue.
- 5. Color in the rest of the camp scene!



Fireplace Scene

Follow the instructions below to create a fireplace scene using fractions!

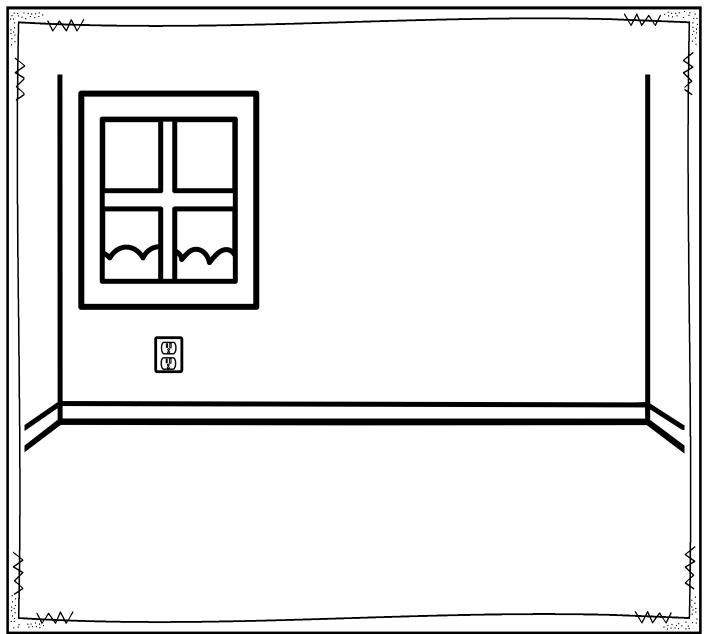
- 1. Draw 5 picture frames. Place $\frac{2}{5}$ of the frames to the right of the mantle, $\frac{2}{5}$ above the mantle, and $\frac{1}{5}$ to the left of the mantle.
- 2. Draw 8 candles on the mantle. Light $\frac{3}{4}$ of the candles. Leave $\frac{1}{4}$ of the candles unlit.
- 3. Color $\frac{1}{2}$ of the candles green, $\frac{1}{8}$ of the candles blue, and $\frac{3}{8}$ of the candles red.
- 4. Draw 9 toys on the ground. Color $\frac{1}{3}$ of the toys yellow, $\frac{1}{9}$ of the toys orange, and $\frac{5}{9}$ of the toys blue.
- 5. Add a fire and color in the rest of the scene!



House Scene

Follow the instructions below to create a house scene using fractions!

- 1. Draw 3 tables small tables. Draw a bowl on $\frac{2}{3}$ of the tables. Draw a book on $\frac{1}{3}$ of the tables.
- 2. Draw a rug with 8 stripes on it. Color $\frac{1}{4}$ of the stripes blue and $\frac{3}{4}$ of the stripes green.
- 3. Draw 4 shelves. Draw picture frames on $\frac{1}{2}$ of the shelves. Leave $\frac{1}{2}$ of the shelves empty.
- 4. Draw 6 balls on ground. Draw stripes on $\frac{1}{3}$ of the balls and polka dots on $\frac{2}{3}$ of the balls.
- 5. Color in the rest of the scene!



Fractions: Practice With Pictures Grading Rubric and Answer Keys

An answer key has been provided for all of the fraction drawings. Both the activities that require reducing/enlarging and the activities that don't require reducing/enlarging should have the same answers.

A grading rubric has also been provided. This can be helpful if you want to grade several of the drawings all at the same time, or if different students were asked to complete different drawings.

Grading Rubric

Page 23

Answer Keys

Page 24-32

Fraction Drawings Grading Rubric

Student Name:

	3 points	2 points	1 point	
Completeness	All of the required work was completed.	Most of the required work was completed.	Very little of the required work was completed.	
Effort and Neatness	The student's work was neat and it was clear that this was the student's best effort.	The student could have spent more time and effort making sure this was their best work.	The student's work was sloppy and/or the student did the minimum required.	
Fraction Understanding	The student's work shows a thorough understand of fractions. All/almost all of their work was correct.	The student's work showed an average understanding of fractions. Most of their work was correct.	The student seemed confused and needs more practice with fractions.	
Teacher Comments:				

Total Points out of 9:

Park Scene

Follow the instructions below to create a park scene using fractions!

- 1. Draw 3 trees: $\frac{1}{3}$ of the trees have apples, $\frac{2}{3}$ of the trees have no apples.
- 2. Draw 6 flowers: $\frac{4}{6}$ of the flowers are yellow, $\frac{2}{6}$ of the flowers are red.
- 3. Draw 8 birds: $\frac{5}{8}$ of the birds are in the air, $\frac{2}{8}$ of the birds are perched on trees, and $\frac{1}{8}$ of the birds are on the ground.
- 4. Draw 2 butterflies: $\frac{1}{2}$ of the butterflies are blue and $\frac{1}{2}$ of the butterflies are green.
- 5. Ādd a sun, clouds, and grass!

Pictures will vary. All pictures should have:

- 1 tree with apples, 2 trees without apples.
- 4 yellow flowers and 2 red flowers.
- 5 birds in the air, 2 birds on trees, and 1 bird on the ground.
- 1 blue butterfly and 1 green butterfly.

Party Scene

Follow the instructions below to create a birthday party scene using fractions!

- 1. Draw a table with 10 presents on it. Color $\frac{3}{10}$ of the gifts red, $\frac{2}{10}$ of the gifts orange, and $\frac{5}{10}$ of the gifts purple.
- 2. Draw 5 kids around the table. Make $\frac{2}{5}$ of the kids boys and $\frac{3}{5}$ of the kids girls.
- 3. Draw party hats on $\frac{4}{5}$ of the kids, and draw no hat on $\frac{1}{5}$ of the kids.
- 4. Draw 12 balloons. Color $\frac{6}{12}$ of the balloons yellow, $\frac{4}{12}$ of the balloons green, and $\frac{2}{12}$ of the balloons blue.
- 5. Add other birthday party decorations.

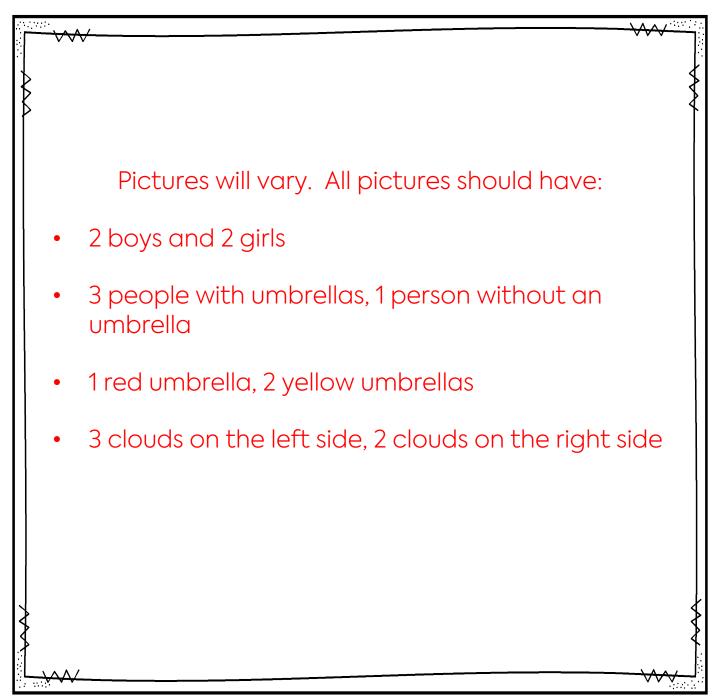
Pictures will vary. All pictures should have:

- 3 red gifts, 2 orange gifts, and 5 purple gifts
- 2 boys and 3 girls
- 4 kids with party hats, 1 kid without party hats
- 6 yellow balloons, 4 green balloons, and 2 blue balloons

Fraction Drawings Rainy Day Scene

Follow the instructions below to create a rainy day scene using fractions!

- 1. Draw 4 people: $\frac{2}{4}$ of the people are girls, $\frac{2}{4}$ of the people are boys.
- 2. Give $\frac{3}{4}$ of the people umbrellas. $\frac{1}{4}$ of the people have no umbrellas.
- 3. Color $\frac{1}{3}$ of the umbrellas red, and $\frac{2}{3}$ of the umbrellas yellow.
- 4. Draw 5 clouds. $\frac{3}{5}$ of the clouds are on the left side of the picture, $\frac{2}{5}$ of the clouds are on the right side of the picture.
- 5. Add rain!



Follow the instructions below to create a kite scene using fractions!

- 1. Draw 6 kids. Give $\frac{4}{6}$ of the kids red hats and $\frac{2}{6}$ of the kids yellow hats.
- 2. Give every kid a kite. Color $\frac{3}{6}$ of the kites blue and $\frac{3}{6}$ of the kites purple.
- 3. Draw 4 butterflies. Color $\frac{1}{4}$ of the butterflies green and $\frac{3}{4}$ of the butterflies orange.
- 4. Draw 8 flowers. Color $\frac{6}{8}$ of the flowers red and $\frac{2}{8}$ of the flowers yellow.
- 5. Add a sun, clouds, and grass!

Pictures will vary. All pictures should have:

- 4 kids with red hats and 2 kids with yellow hats
- 3 blue kites and 3 purple kites
- 1 green butterfly and 3 orange butterflies
- 6 red flowers and 2 yellow flowers

Neighborhood Scene

Follow the instructions below to create a neighborhood scene using fractions!

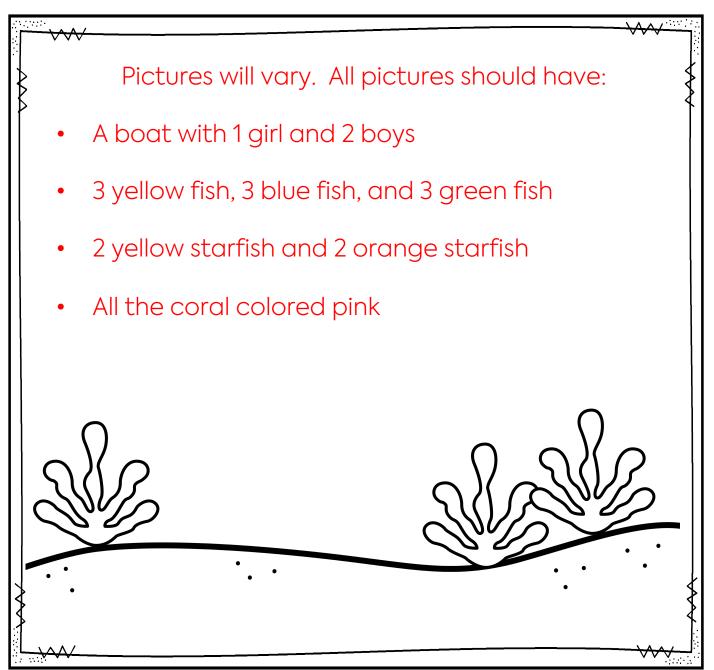
- 1. Draw 6 houses. $\frac{4}{6}$ of the houses have chimneys and $\frac{2}{6}$ of the houses have no chimneys.
- 2. Give $\frac{5}{6}$ of the houses windows and the other $\frac{1}{6}$ of the houses a garage.
- 3. Draw 9 birds. Color $\frac{1}{9}$ of the birds red, $\frac{3}{9}$ of the birds blue, and $\frac{5}{9}$ of the birds brown.
- 4. Draw 4 bicycles. Color $\frac{2}{4}$ of the bicycles red and $\frac{2}{4}$ of the bicycles yellow.
- 5. Add some kids playing and color the rest of the scene!



Ocean Scene

Follow the instructions below to create an ocean scene using fractions!

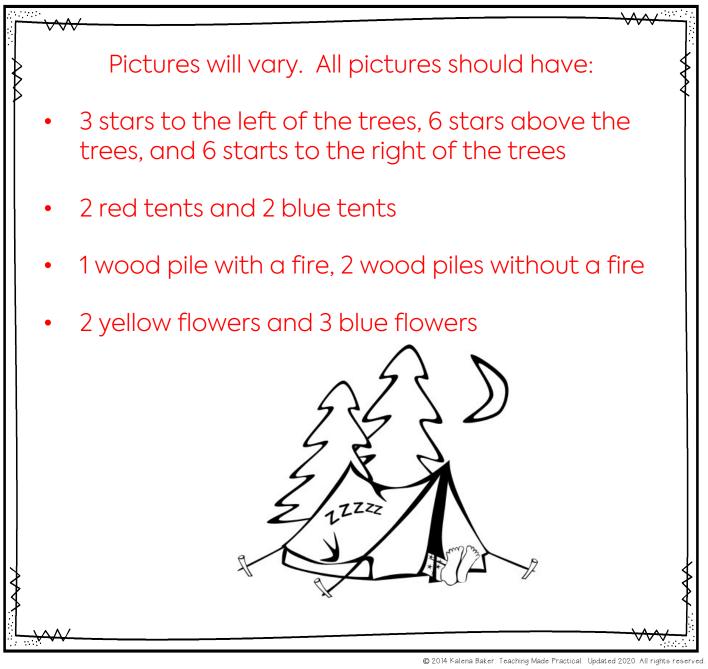
- 1. Draw a large boat with 3 people on top of the water. Make $\frac{1}{3}$ of the people girls and $\frac{2}{3}$ of the people boys.
- 2. Draw 9 fish in the water. Color $\frac{3}{9}$ of the fish yellow, $\frac{3}{9}$ of the fish blue, and $\frac{3}{9}$ of the fish green.
- 3. Draw 4 starfish. Color $\frac{2}{4}$ of the starfish yellow and $\frac{2}{4}$ of the starfish orange.
- 4. Color $\frac{3}{3}$ of the coral pink.
- 5. Add another ocean animal!



Camping Scene

Follow the instructions below to create a camping scene using fractions!

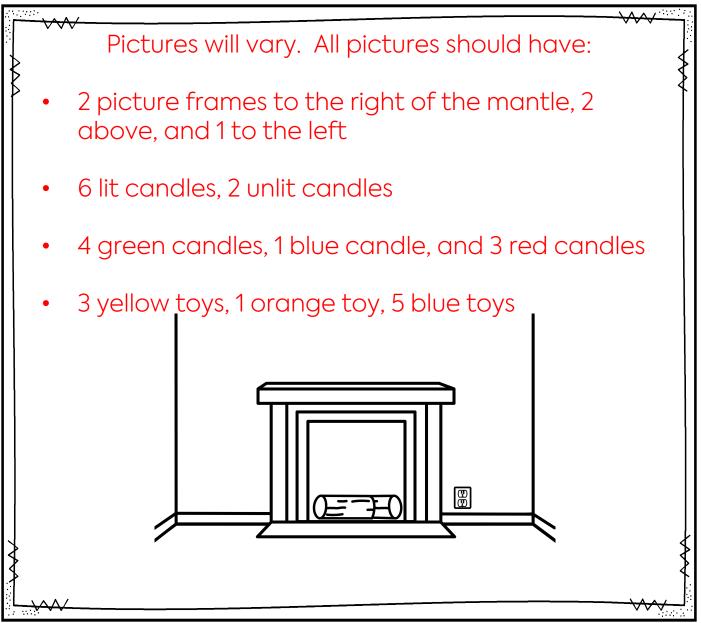
- 1. Draw 15 stars. Draw $\frac{3}{15}$ of the stars to the left of the trees, $\frac{6}{15}$ of the stars above the trees, and $\frac{6}{15}$ of the stars to the right of the trees.
- 2. Draw 3 more tents, for a total of 4 tents. Color $\frac{2}{4}$ of the tents red and $\frac{2}{4}$ of the tents blue.
- 3. Draw 3 wood piles for a fire. $\frac{1}{3}$ of the wood piles have a fire.
- 4. Draw 5 flowers. Color $\frac{2}{5}$ of the flowers yellow, and color $\frac{3}{5}$ of the flowers blue.
- 5. Color in the rest of the camp scene!



Fireplace Scene

Follow the instructions below to create a fireplace scene using fractions!

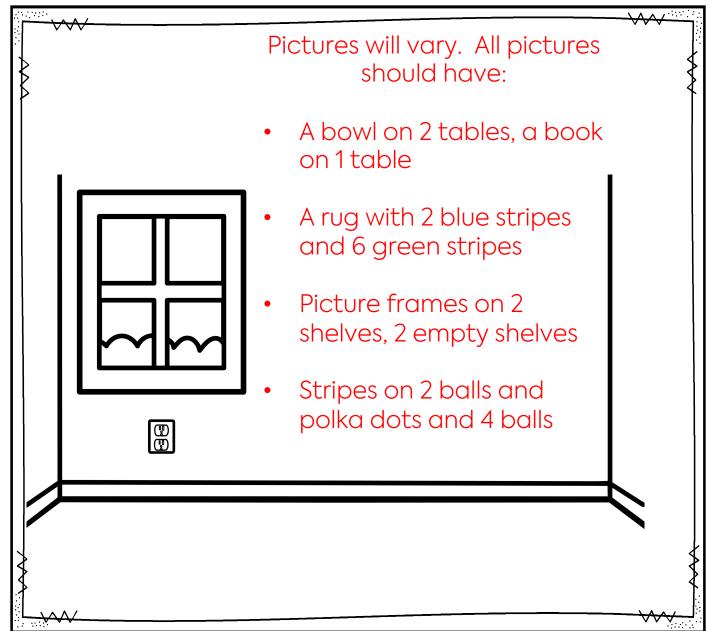
- 1. Draw 5 picture frames. Place $\frac{2}{5}$ of the frames to the right of the mantle, $\frac{2}{5}$ above the mantle, and $\frac{1}{5}$ to the left of the mantle.
- 2. Draw 8 candles on the mantle. Light $\frac{6}{8}$ of the candles. Leave $\frac{2}{8}$ of the candles unlit.
- 3. Color $\frac{4}{8}$ of the candles green, $\frac{1}{8}$ of the candles blue, and $\frac{3}{8}$ of the candles red.
- 4. Draw 9 toys on the ground. Color $\frac{3}{9}$ of the toys yellow, $\frac{1}{9}$ of the toys orange, and $\frac{5}{9}$ of the toys blue.
- 5. Add a fire and color in the rest of the scene!



House Scene

Follow the instructions below to create a house scene using fractions!

- 1. Draw 3 tables small tables. Draw a bowl on $\frac{2}{3}$ of the tables. Draw a book on $\frac{1}{3}$ of the tables.
- 2. Draw a rug with 8 stripes on it. Color $\frac{2}{8}$ of the stripes blue and $\frac{6}{8}$ of the stripes green.
- 3. Draw 4 shelves. Draw picture frames on $\frac{2}{4}$ of the shelves. Leave $\frac{2}{4}$ of the shelves empty.
- 4. Draw 6 balls on ground. Draw stripes on $\frac{2}{6}$ of the balls and polka dots on $\frac{4}{6}$ of the balls.
- 5. Color in the rest of the scene!





Thank You!

Feel free to contact me with questions or comments: kalena.baker@teachingmadepractical.com

<u>Get practical teaching tips, updates on new</u> <u>resources, activity ideas, and **free sub plans** here.</u>

Teaching Made PRACTICAL

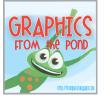
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Thank you to these font and clip artists!









Digi by Amy Alvis pattern papers frames, fonts and more