

Preview file

FRACTIONS

IDENTIFYING
COMPARING
EQUIVALENCY

Winter

Solve
& Draw



Preview file



FRACTIONS

IDENTIFY · COMPARE · EQUIVALENCY

Winter
Solve & Draw

DIRECTIONS

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FRACTIONS

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Winter
Solve & Draw

DIRECTIONS

Solve and Draw printables for are an easy, no-prep way to make identifying and comparing fraction practice more engaging in the winter months! These pages are not holiday specific and can be used throughout the winter. Christmas and other holiday themed pages are available here! Inspired by a group of reluctant mathematicians with amazing creativity, these printables are designed to engage students in math practice with an artistic twist. This resource may be used as a fun quiz or as a review. Perfect for the sub tub or a math center. These pages ask students to identify the fraction given using words and numerical representations, determine equivalency, and compare fractions using $=$, $<$, and $>$.

How Solve & Draw Activities Work

Students solve the fraction problems and add to the Winter-themed drawing based on their answers. Students are directed on what to draw but are able to personalize the item to their preferences and drawing styles. Drawings range from stick figures to anime inspired to cartoons to realistic and everything in between. Drawing is no-prep because it can be done with the student's normal writing utensil (pen or pencil). You may choose to allow colored pencils, crayons, or markers but they are not required. This works well as a homework option for families who may not have those supplies to offer and is a great "print and go" resource for sub days, warm ups, and math centers!

Solve & Draw Fraction Printables work well to extend thinking and for early finishers.



Preview file

Solve the problems and add to the drawing.

Name: _____



- ☐ If this is one-half, draw another boy ice skater.
- ☐ If this is $\frac{1}{4}$, draw the moon in the sky.



- ☐ If this is two-fourths, draw an ice skating dog.
- ☐ If this is $\frac{2}{3}$, draw an ice skating snowman.



- ☐ If this is two-thirds, draw an ice skating bear.
- ☐ If this is $\frac{1}{3}$, draw snow on the bushes and trees.

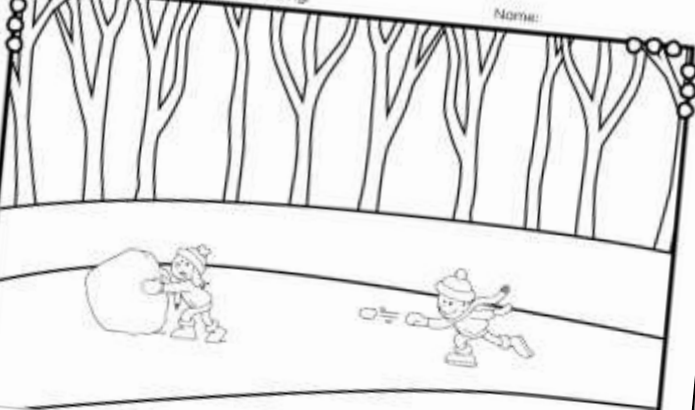


- ☐ If this is one-sixth, make it snow.
- ☐ If this is $\frac{1}{5}$, draw a girl ice skater.

- ☐ If this is two-thirds, draw a sign that says "skating".

Solve the problems and add to the drawing.

Name: _____



- ☐ If this is five-sixths, draw a snowball in the boy's right hand.
- ☐ If this is $\frac{5}{6}$, draw a boy throwing snowballs at the original boy.



- ☐ If this is two-sixths, draw a pile of snowballs next to the original boy.
- ☐ If this is $\frac{2}{3}$, draw a dog playing in the snow.



- ☐ If this is one-fourth, draw a finished snowman beside the girl.
- ☐ If this is $\frac{1}{3}$, draw earmuffs on the girl.



- ☐ If this is one-sixth, draw a bird feeder hanging from one of the trees.
- ☐ If this is $\frac{2}{3}$, draw leaves on three of the trees.



- ☐ If this is three-fifths, draw a snow fort in the background.
- ☐ If this is $\frac{3}{5}$, draw a girl playing on one of the snow fort.



- ☐ If this is one-fourth, draw icicles on four of the trees.
- ☐ If this is $\frac{1}{5}$, draw a snowboarder the back hill.

Solve the problems and add to the drawing.

Name: _____



- ☐ If this is two-fourths, draw a hat on the original reindeer.
- ☐ If this is $\frac{2}{3}$, draw a kid sledding on the hill in the background.



- ☐ If this is one-sixth, draw a snowman by the original reindeer.
- ☐ If this is $\frac{1}{5}$, draw a sled behind the original reindeer.



- ☐ If this is two-sixths, draw a pair of mittens hanging from the fence.
- ☐ If this is $\frac{3}{5}$, draw a bird perched on the fence.

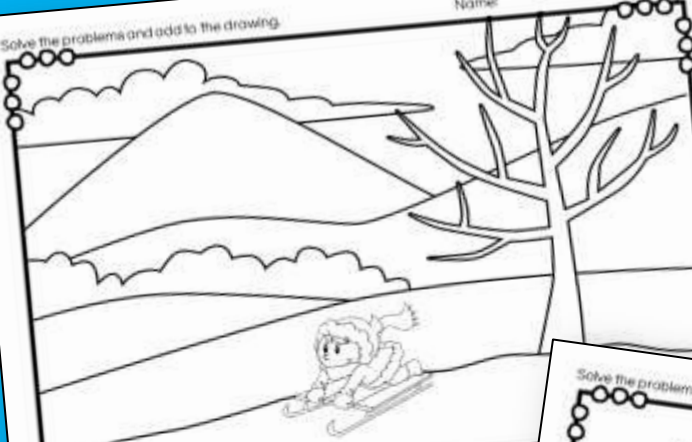
Identifying Fractions

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Solve the problems and add to the drawing.

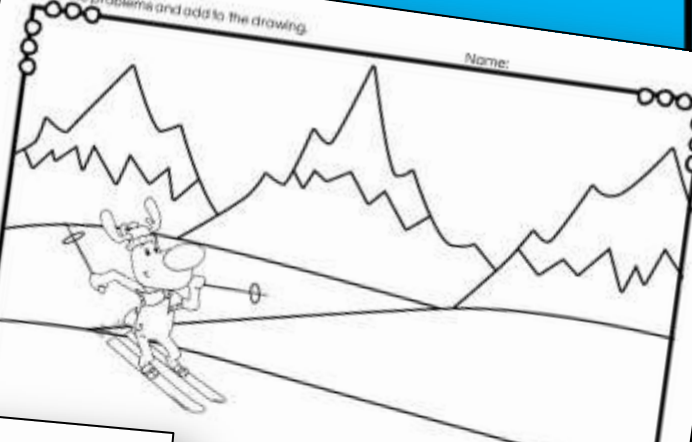
Name: _____



	☐ If this is two-thirds, draw another kid sledding on the hill. ☐ If this is $\frac{3}{2}$, draw a snowboarder on the hill.		☐ If this is $\frac{3}{2}$, draw a ski lift on the mountain. ☐ If this is $\frac{4}{3}$, draw a cardinal on a tree branch.
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Solve the problems and add to the drawing.

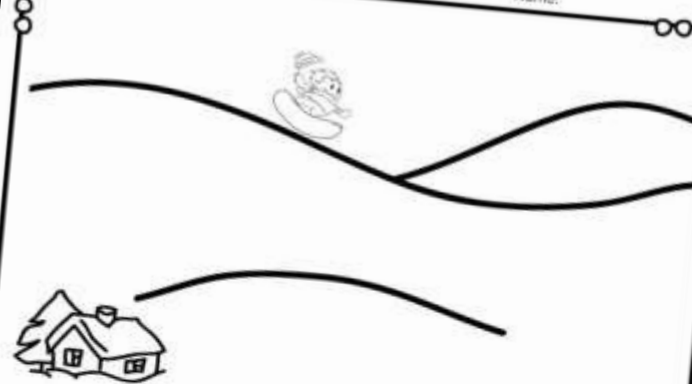
Name: _____



If this is two-fourths, draw two mittens on the moose. If this is $\frac{2}{5}$, draw two ski lifts on the mountain.	 ☐ If this is three-fifths, draw a bear skiing next to the moose. ☐ If this is $\frac{3}{5}$, draw a ski jump in front of the moose.
If this is three-sixths, draw two trees on the mountain. If this is $\frac{3}{5}$, draw a tree in the background.	 ☐ If this is one-fifth, draw two ski racing flags by the moose. ☐ If this is $\frac{1}{4}$, draw a ski lift on one mountain.
If this is one-half, draw two clouds in the sky. If this is $\frac{4}{5}$, draw the moose's scarf.	 ☐ If this is two-fourths, draw ski goggles on the moose. ☐ If this is $\frac{2}{5}$, draw stripes on the moose's scarf.

Solve the problems and add to the drawing.

Name: _____



 ☐ If this fraction is equivalent to $\frac{1}{3}$, draw another snowboarder. ☐ If this fraction is equivalent to $\frac{2}{4}$, draw another tree by the lodge.	 ☐ If this fraction is equivalent to $\frac{4}{5}$, draw a ski lift on one of the hills. ☐ If this fraction is equivalent to $\frac{4}{10}$, draw a ski jump on one of the hills.
 ☐ If this fraction is equivalent to $\frac{2}{5}$, draw smoke coming out of the lodge chimney. ☐ If this fraction is equivalent to $\frac{2}{6}$, draw a skier on one of the hills.	 ☐ If this fraction is equivalent to $\frac{2}{12}$, draw a snowman by the lodge. ☐ If this fraction is equivalent to $\frac{1}{3}$, draw a sledder on a hill.
 ☐ If this fraction is equivalent to $\frac{3}{8}$, draw clouds in the sky. ☐ If this fraction is equivalent to $\frac{3}{6}$, draw a cardinal on a tree branch.	 ☐ If this fraction is equivalent to $\frac{4}{10}$, draw snow on the original tree. ☐ If this fraction is equivalent to $\frac{4}{5}$, draw a design on the original snowboarder's board.

Determining
Equivalency

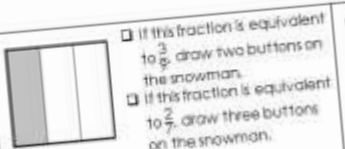
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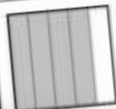
Determining Equivalency

Solve the problems and add to the drawing.

Name: _____



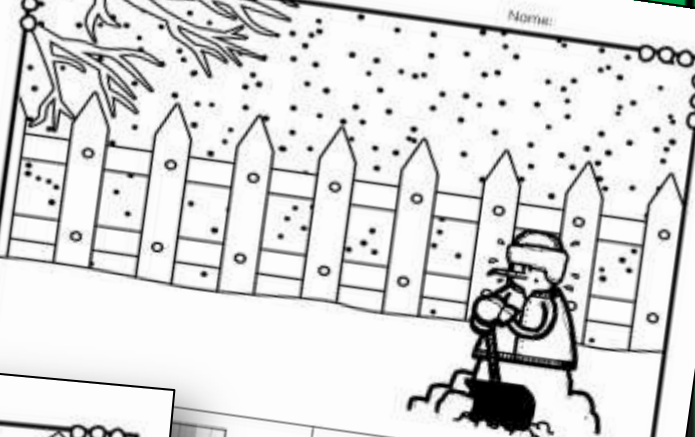
- ☐ If this fraction is equivalent to $\frac{1}{4}$, draw two buttons on the snowman.
- ☐ If this fraction is equivalent to $\frac{1}{2}$, draw three buttons on the snowman.



- ☐ If this fraction is equivalent to $\frac{2}{3}$, draw a hat on the snowman.
- ☐ If this fraction is equivalent to $\frac{3}{10}$, draw a scarf on the snowman.

Solve the problems and add to the drawing.

Name: _____



er snowman.
a pile of snow by



- ☐ If this is true, draw snow on top of the fence.
- ☐ If this is false, draw three pinecones on the tree.



r shovel
erched on



- ☐ If this is true, draw another tree behind the fence.
- ☐ If this is false, draw a snow fort in front of the fence.



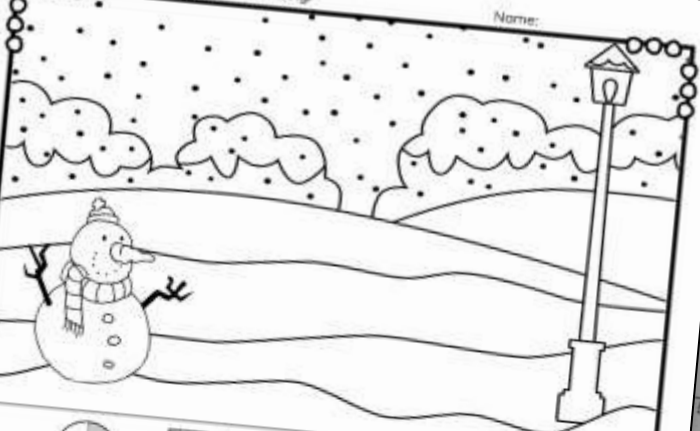
by the original
irgreen



- ☐ If this is true, draw a birdfeeder on the original tree.
- ☐ If this is false, draw a pile of logs on the left side of the page.

Solve the problems and add to the drawing.

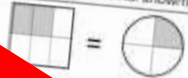
Name: _____



- ☐ If this is true, draw a broom in the snowman's left hand.
- ☐ If this is false, draw a snowball in his left hand.



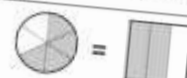
- ☐ If this is true, draw another street lamp behind the snowman.
- ☐ If this is false, draw another snowman.



an evergreen tree in the
d on each lamp



- ☐ If this is true, draw a big bow on each lamp post.
- ☐ If this is false, draw earmuffs on the original snowman.



- ☐ If this is true, draw a horse-drawn wagon in the background.
- ☐ If this is false, draw mittens on the original snowman.



- ☐ If this is true, draw a bell in the right hand of the original snowman.
- ☐ If this is false, draw a gingerbread cookie in his right hand.

Comparing
fractions with
 $=, <, >$

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Solve the problems and add to the drawing.

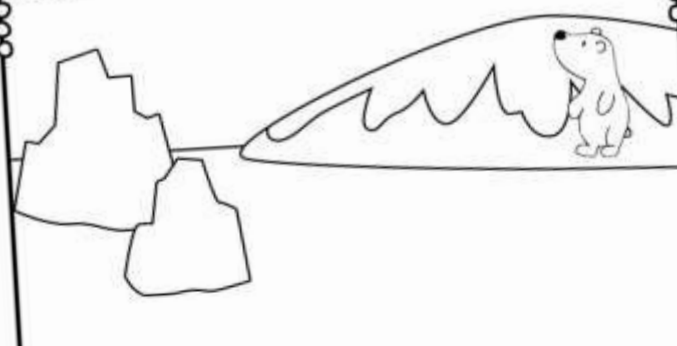


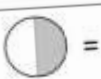
 ☒ If this is one-half, draw another boy ice skater. ☒ If this is $\frac{1}{4}$, draw the moon in the sky.	 ☒ If this is two-fourths, draw an ice skating dog. ☒ If this is $\frac{2}{3}$, draw an ice skating snowman.
 ☒ If this is two-thirds, draw an ice skating bear. ☒ If this is $\frac{1}{3}$, draw snow.	 ☒ If this is one-sixth, make it snow. ☒ If this is $\frac{1}{3}$, draw a girl ice skater.
 ☒ If this is two-thirds, draw a sign that says "Ice Skating". ☒ If this is $\frac{3}{3}$, draw an ice skating reindeer.	

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Solve the problems and add to the drawing.

ANSWER KEY



 =  ☒ If this is true, draw another polar bear. ☒ If this is false, draw another iceberg.	 <  ☒ If this is true, draw a walrus in the water. ☒ If this is false, draw a seal on the small iceberg.
 >  ☒ If this is true, draw a humpback whale in the water. ☒ If this is false, draw a submarine in the water.	 =  ☒ If this is true, draw a reindeer in the background. ☒ If this is false, draw a rock at the edge of the water.
 =  ☒ If this is true, draw a star in the sky. ☒ If this is false, draw the moon in the sky.	 <  ☒ If this is true, draw waves in the water. ☒ If this is false, draw an arctic fox on the hill.

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Answer Keys
provided for
each page

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Thank you!



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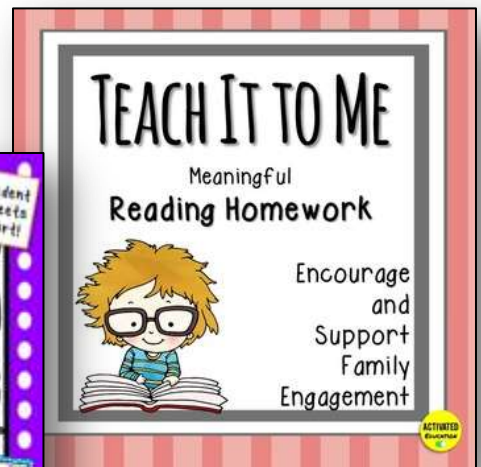
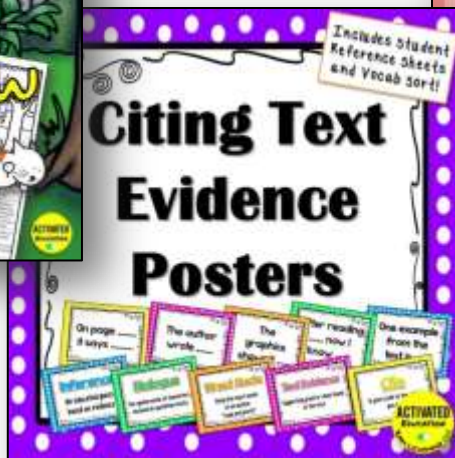
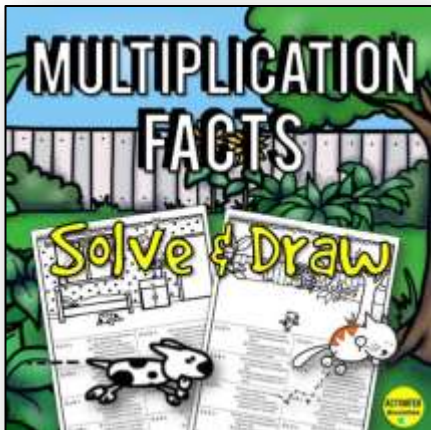


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