

NO-PREP!

FRACTION OPERATIONS

BUNDLE



FRACTION OPERATIONS

Solve & Draw Bundle

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FRACTION OPERATIONS

Solve & Draw Bundle

DIRECTIONS

Fraction Operation Solve and Draw no-prep printables for addition and subtraction are an easy, no-prep way to make review work or practice more engaging. These are also designed to provide practice of reading math directions.

Students solve the fraction addition and subtraction calculations and add to the drawing based on their answers. To keep them guessing, each problem may have one correct drawing prompt, two, or none. Each page has an average of 7 responses that require drawing. 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.

Drawing prompts require a student to use multiple skills:

- Fraction calculations – addition and subtraction
- Fractions vocabulary: fractions written as words, mixed number, whole numbers
- Reading

An optional challenge page is included that can be copied on the back of the worksheet – this gives students an extension opportunity by asking them to create a math equation that fits one of the incorrect drawing prompts or to create a math equation and their own drawing prompts.

City Skyline: Addition with unlike denominators

Solve the problems and add to the drawing.
Simplify when needed.

Name: _____ Date: _____

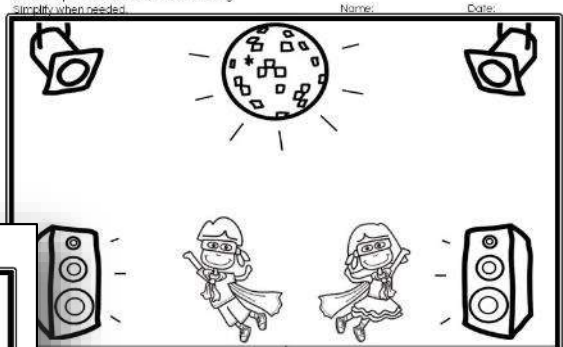


$\frac{1}{5} + \frac{1}{2} =$ ☐ If the answer is a whole number, draw a sun in the sky. ☐ If the answer is in tenths, draw a moon in the sky.	$\frac{4}{9} + \frac{1}{3} =$ ☐ If the answer is a whole number, draw another flying superhero. ☐ If the answer is in ninths, write "POW!" in one of the speech bubbles.
$\frac{5}{6} + \frac{2}{3} =$ ☐ If the answer is a mixed number, draw a speech bubble for the girl superhero. ☐ If the answer is in fifteenths, draw a helicopter.	$\frac{1}{2} + \frac{5}{14} =$ ☐ If the answer is larger than one, draw a superhero logo on the helicopter. ☐ If the answer is in sevenths, draw a villain peeking from behind a building.
$\frac{1}{12} + \frac{3}{10} =$ ☐ If the answer has in fifths, draw a superhero signal in the sky. ☐ If the answer is a mixed number, draw a speech bubble for the boy superhero who is...	$\frac{6}{10} + \frac{2}{4} =$ ☐ If the answer is larger than one-half, draw a slime monster for the superheroes to fight. ☐ If the answer is in thirds, draw an alien for the superheroes to fight.

$\frac{8}{10} + \frac{3}{4} =$

Solve the problems and add to the drawing.
Simplify when needed.

Name: _____ Date: _____



$-9\frac{1}{6} =$ ☐ If the answer is a mixed number, draw another dancing superhero. ☐ If the answer is in sixths, draw a flying superhero.	$4\frac{2}{32} + 8\frac{4}{16} =$ ☐ If the answer is a whole number, draw a drummer. ☐ If the answer is in sixteenths, draw a guitarist.
$+4\frac{12}{18} =$ ☐ If the answer is a whole number, draw a dance floor. ☐ If the answer is in ninths, draw another set of speakers.	$\frac{2}{62} + 9\frac{14}{21} =$ ☐ If the answer is a whole number, draw music notes by the speakers. ☐ If the answer is in twenty-firsts, draw a hat on one superhero.
$+6\frac{3}{7} =$ ☐ If the answer is in sevenths, draw a microphone in the girl superhero's hand. ☐ If the answer is a mixed number, draw a dancing villain.	$3\frac{4}{36} + 6\frac{2}{9} =$ ☐ If the answer is in ninths, draw a bowl of chips on top of a speaker. ☐ If the answer is a whole number, draw a character of your choice on the dance floor.
$-5\frac{6}{11} =$ ☐ If the answer is a whole number, draw star shaped confetti. ☐ If the answer is in elevenths, draw a keyboard player.	$\frac{9}{23} + 9\frac{1}{11} =$ ☐ If the answer is a mixed number, draw star confetti. ☐ If the answer is in twenty-seconds, draw streamers hanging from the lights and disco ball.

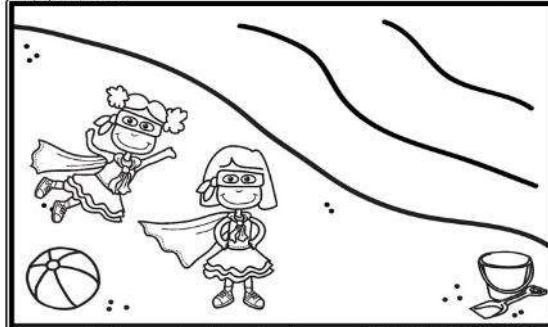
Adapted from © 2015

Dance Party: Addition with mixed numbers

Beach Monster: Mixed addition

Solve the problems and add to the drawing.
Simplify when needed.

Name: _____ Date: _____

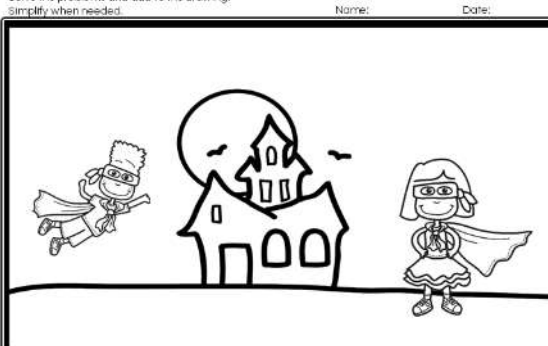


$1\frac{3}{5} + 5\frac{1}{2} =$ ☐ If the answer is a whole number, draw a crab on the sand. ☐ If the answer is in tenths, draw a sandcastle next to the bucket and shovel.	$2\frac{1}{5} + 5\frac{1}{10} =$ ☐ If the answer is a whole number, draw a beach towel on the sand. ☐ If the answer is in tenths, draw an ice cream cone in the flying superhero's hand.
$\frac{8}{14} + \frac{1}{3} =$ ☐ If the answer is more than one-half, draw a starfish on the sand. ☐ If the answer is a mixed number, draw sand in the bucket.	$\frac{3}{4} + \frac{1}{16} =$ ☐ If the answer is larger than one-half, draw a beach umbrella. ☐ If the answer is in fourths, draw sunglasses on both superheroes.
$\frac{6}{11} + \frac{4}{7} =$ ☐ If the answer is a mixed number, draw a surfer in the water. ☐ If the answer is in elevenths, draw a shark in the water.	$\frac{6}{8} + \frac{13}{10} =$ ☐ If the answer is a mixed number, draw a swimming superhero. ☐ If the answer is in fifths, draw a school of fish in the water.
$5\frac{1}{6} + 7\frac{1}{3} =$ ☐ If the answer is in thirds, draw a boat in the water. ☐ If the answer is a mixed number, draw a dolphin in the water.	$1\frac{3}{8} + 4\frac{1}{2} =$ ☐ If the answer is a whole number, draw a surfboard on one of the superheroes. ☐ If the answer is in eighths, draw a seaweed monster at the edge of the water.

Adapted from © 2015

Solve the problems and add to the drawing.
Simplify when needed.

Name: _____ Date: _____

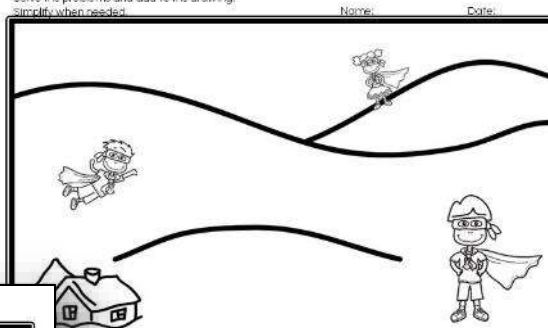


$\frac{5}{8} - \frac{1}{4} =$	☐ If the answer is a whole number, draw another bat by the house. ☐ If the answer is in eighths, draw a ghost in the doorway of the house.	$\frac{16}{9} - \frac{3}{2} =$	☐ If the answer is more than half, draw a ghost in a window. ☐ If the answer is in eighteenths, draw a tree with no leaves.
$\frac{3}{4} - \frac{2}{5} =$	☐ If the answer is in twentieths, draw clouds in the sky. ☐ If the answer is in fifths, make it rain.	$\frac{3}{4} - \frac{1}{5} =$	☐ If the answer is more than one-half, draw a fence around the house. ☐ If the answer is in fourths, draw a vampire in a window.
$\frac{2}{7} - \frac{3}{14} =$	☐ If the answer is more than one-half, draw a gargoyle on the roof of the house. ☐ If the answer is in sevenths, draw another flying superhero.	$\frac{2}{3} - \frac{1}{2} =$	☐ If the answer is a whole number, draw fog around the house. ☐ If the answer is in sixths, draw a path leading up to the front door of the house.
$\frac{8}{3} - \frac{9}{4} =$	☐ If the answer is in fourths, draw a spider hanging from the roof. ☐ If the answer is in twelfths, draw...	$\frac{3}{5} - \frac{1}{3} =$	☐ If the answer is more than one-half, draw a "Keep Out" sign. ☐ If the answer is in fifteenths,

Scary House: Subtraction with unlike denominators

Solve the problems and add to the drawing.
Simplify when needed.

Name: _____ Date: _____



$\frac{7}{8} =$	☐ If the answer is a mixed number, draw clouds in the sky. ☐ If the answer is in eighths, draw a sun in the sky.	$3\frac{1}{4} - 2\frac{8}{11} =$	☐ If the answer is a whole number, make it snow. ☐ If the answer is in elevenths, draw a snow fort by the house.
$\frac{2}{3} =$	☐ If the answer is in thirds, draw snowshoes on the hero in the bottom right of the page. ☐ If the answer is a mixed number, smoke coming from the chimney.	$11\frac{2}{3} - 9\frac{3}{4} =$	☐ If the answer is a mixed number, draw a snowball in the flying superhero's hand. ☐ If the answer is in thirds, draw a superhero sledding.
$\frac{1}{2} =$	☐ If the answer is a mixed number, draw three evergreen trees. ☐ If the answer is in thirds, draw a skiff on one of the hills.	$5\frac{1}{2} - 2\frac{4}{5} =$	☐ If the answer is a mixed number, draw a snowman. ☐ If the answer is in tenths, draw an abominable snowman, or yeti.
$\frac{5}{12} =$	☐ If the answer is in thirds, draw a snowboard on the superhero on top of the hill. ☐ If the answer is a whole number, draw skis on the superhero on top of the hill.	$7\frac{5}{6} - 4\frac{3}{4} =$	☐ If the answer is in twelfths, draw a winter hat on all of the superheroes. ☐ If the answer is a whole number, draw gloves on all of the superheroes.

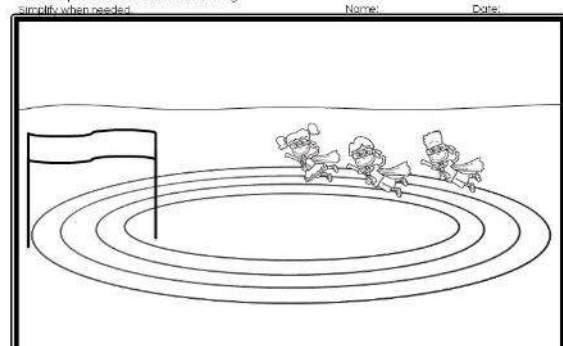
Advanced Subtraction © 2016

Snow Monster: Subtraction with mixed numbers

Super Race: Mixed subtraction

Solve the problems and add to the drawing.
Simplify when needed.

Name: _____ Date: _____

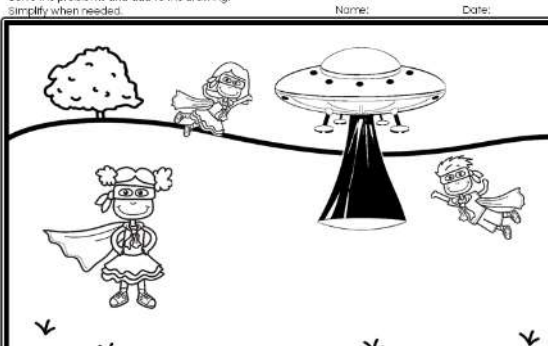


$7\frac{1}{3} - 4\frac{1}{9} =$	☐ If the answer is a mixed number, draw hurdles on the track. ☐ If the answer is in halves, draw another superhero racing.	$\frac{5}{12} - \frac{3}{8} =$	☐ If the answer is a whole number, draw a superhero cheerleader. ☐ If the answer is more than one-half, draw a bench behind the track.
$3\frac{29}{42} - 2\frac{1}{3} =$	☐ If the answer is in thirds, draw a baton in the girl superhero's hand. ☐ If the answer is in fourteenths, write "Finish Line" on the banner.	$\frac{9}{17} - \frac{1}{3} =$	☐ If the answer is a mixed number, draw a villain in the race. ☐ If the answer is less than one-half, draw a finish line ribbon.
$\frac{9}{10} - \frac{1}{4} =$	☐ If the answer is a mixed number, draw a yell in the race. ☐ If the answer is more than one-half, draw a ghost in the race.	$25\frac{5}{6} - 16\frac{1}{3} =$	☐ If the answer is in thirds, draw a coach on the sidelines. ☐ If the answer is a whole number, draw grass around the track.
$4\frac{5}{6} - 1\frac{9}{10} =$	☐ If the answer is a whole number, draw a sun in the sky. ☐ If the answer is in fiftieths, draw a winner's podium behind the race track.	$\frac{1}{2} - \frac{7}{16} =$	☐ If the answer is in sixteenths, draw a crowd of people watching the race. ☐ If the answer is a mixed number, draw a checkerboard pattern on the finish line banner.

Advanced Subtraction © 2016

Solve the problems and add to the drawing. Simplify when needed.

Name: _____ Date: _____



$2\frac{1}{5} + 1\frac{3}{4} =$	☐ If the answer is a mixed number, draw a short alien under the spaceship. ☐ If the answer is in fifths, draw another standing superhero.	$3\frac{1}{2} - 2\frac{2}{3} =$	☐ If the answer is in thirds, draw an alien holding up a peace sign. ☐ If the answer is in sixths, draw another spaceship in the sky.
$1\frac{1}{2} + 2\frac{3}{5} =$	☐ If the answer is in tenths, draw a tall, thin alien. ☐ If the answer is a whole number, draw lightning coming from the flying girl superhero's hand.	$1\frac{5}{12} + 3\frac{1}{3} =$	☐ If the answer is a mixed number, draw apples on the tree. ☐ If the answer is in twelfths, draw a laser beam coming from the flying boy superhero's hand.
$2\frac{1}{5} + 1\frac{4}{5} =$	☐ If the answer is a whole number, draw an alien hiding under the tree. ☐ If the answer is a mixed number, draw clouds in the sky.	$4\frac{1}{2} - 1\frac{8}{9} =$	☐ If the answer is in eightieths, draw a forcefield around the superheroes. ☐ If the answer is in ninths, draw a forcefield around the alien spaceship.
$1\frac{6}{7} - 1\frac{1}{5} =$	☐ If the answer is in fourteenths, draw an alien in the spaceship.	$4\frac{3}{4} - 1\frac{2}{3} =$	☐ If the answer is a whole number, shade in the sky to make it night.

Aliens Invade: Mixed addition and subtraction

Challenge Page

Name: _____ Date: _____

Challenge #1:

Choose a drawing prompts from the page what was not correct. Create a fraction equation that fits the prompt, and add the drawing to the original page.

Example:

Original Equation	Drawing Prompts	New Equation
$1\frac{3}{4} - 1\frac{1}{2} = \frac{1}{4}$	☒ If the answer is a whole number, draw clouds in the sky. ☒ If the answer is less than one-half, draw a seaweed monster.	$14\frac{5}{6} - 1\frac{10}{12} = 13$

Challenge #1 Workspace:

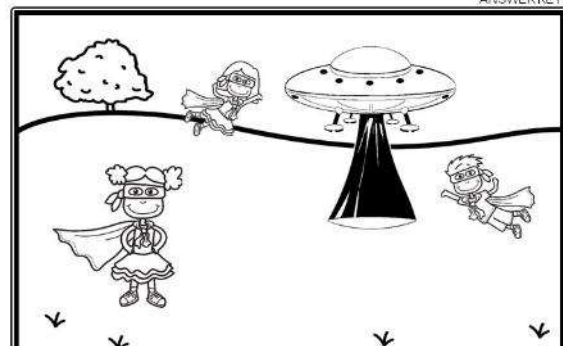
Challenge #2:

Create a new fraction equation and write two new drawing prompts. One must be correct, second is your choice to make correct or incorrect.

New Equation	Drawing Prompts

Answer Key: © 2018

ANSWER KEY



$2\frac{1}{5} + 1\frac{3}{4} =$	☒ If the answer is a mixed number, draw a short alien under the spaceship. ☒ If the answer is in fifths, draw another standing superhero.	$3\frac{1}{2} - 2\frac{2}{3} =$	☒ If the answer is in thirds, draw an alien holding up a peace sign. ☒ If the answer is in sixths, draw another spaceship in the sky.
$1\frac{1}{2} + 2\frac{3}{5} =$	☒ If the answer is in tenths, draw a tall, thin alien by the spaceship. ☒ If the answer is a whole number, draw lightning coming from the flying girl superhero's hand.	$1\frac{5}{12} + 3\frac{1}{3} =$	☒ If the answer is a mixed number, draw apples on the tree. ☒ If the answer is in twelfths, draw a laser beam coming from the flying boy superhero's hand.
$2\frac{1}{5} + 1\frac{4}{5} =$	☒ If the answer is a whole number, draw an alien hiding under the tree. ☒ If the answer is a mixed number, draw clouds in the sky.	$4\frac{1}{2} - 1\frac{8}{9} =$	☒ If the answer is in eightieths, draw a forcefield around the superheroes. ☒ If the answer is in ninths, draw a forcefield around the alien spaceship.
$1\frac{6}{7} - 1\frac{1}{5} =$	☒ If the answer is more than one-half, draw a moon in the sky. ☒ If the answer is in fourteenths, draw an alien in the spaceship.	$4\frac{3}{4} - 1\frac{2}{3} =$	☒ If the answer is a whole number, shade in the sky to make it night. ☒ If the answer is in twelfths, draw a helmet on an alien.

Answer Key: © 2018

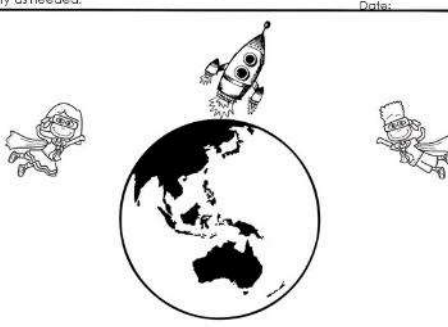
Challenge Page:
Can be used with
all pages

Answer Keys included
for each page.

Blast Off: Multiplying Fractions: No simplifying

Solve the problems and add to the drawing.
Simplify as needed.

Name: _____
Date: _____



$\frac{2}{5} \times \frac{3}{2} =$	☐ If the answer is less than one-half, draw astronaut helmets on the superheroes. ☐ If the answer is a whole number, draw another girl superhero.	$\frac{3}{5} \times \frac{9}{14} =$	☐ If the answer is in fifths, draw a comet one-fifth the size of Earth. ☐ If the answer is less than half, draw the sun one-half the size of Earth.
$\frac{1}{4} \times \frac{3}{4} =$	☐ If the answer is in twelfths, draw smoke under the spaceship engines. ☐ If the answer is in fourths, draw a comet.	$\frac{4}{14} \times \frac{7}{18} =$	☐ If the answer is more than half, draw a satellite one-eighth the size of Earth. ☐ If the answer is in sevenths, draw a black hole one-quarter the size of Earth.
$\frac{7}{8} \times \frac{3}{5} =$	☐ If the answer is more than one-half, draw three stars that are one-eighth the size of Earth. ☐ If the answer is in eighths, write "USA" on the side of the	$\frac{9}{10} \times \frac{1}{2} =$	☐ If the answer is less than one-half, draw an astronaut outside the spaceship. ☐ If the answer is in halves, draw the planet Saturn.

Solve the problems and add to the drawing.
Simplify as needed.

Name: _____
Date: _____

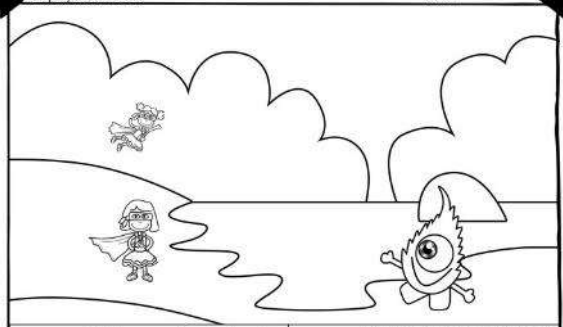


$\frac{4}{5} \times \frac{3}{5} =$	☐ If the answer is a mixed number, draw a spaceship behind the superheroes. ☐ If the answer is in halves, draw a planet behind the superheroes.	$\frac{1}{10} \times 3\frac{3}{4} =$	☐ If the answer is a mixed number, draw a constellation of stars. ☐ If the answer is in tenths, draw five stars anywhere you'd like.
$\frac{3}{4} \times \frac{4}{5} =$	☐ If the answer is a whole number, draw another boy superhero. ☐ If the answer is in fifths, draw another girl superhero.	$\frac{1}{11} \times 3\frac{1}{4} =$	☐ If the answer is a whole number, draw a sun in the background. ☐ If the answer is in elevenths, draw Earth's moon under the superheroes.
$\frac{2}{5} \times \frac{3}{5} =$	☐ If the answer is in thirds, draw a meteor by the comet. ☐ If the answer is a whole number, draw a force field around the superheroes.	$\frac{4}{7} \times 3\frac{1}{2} =$	☐ If the answer is in sevenths, draw an alien spaceship under the comet. ☐ If the answer is a whole number, draw an astronaut helmets on the superheroes.
$\frac{1}{9} \times \frac{3}{5} =$	☐ If the answer is a mixed number, draw another comet. ☐ If the answer is a whole number, draw a face on the comet.	$\frac{3}{9} \times 2\frac{1}{4} =$	☐ If the answer is a mixed number, draw a star in each superhero's hand. ☐ If the answer is in fourths, draw a superhero dog in between the other superheroes.

Activates Education © 2015

Solve the problems and add to the drawing.
Simplify as needed.

Name: _____
Date: _____



$1\frac{3}{5} \times 5\frac{1}{2} =$	☐ If the answer is a mixed number, draw a superhero spacecraft behind the superheroes. ☐ If the answer is in fifths, draw an alien swamp monster in the water.	$2\frac{1}{2} \times 5\frac{1}{10} =$	☐ If the answer is a mixed number, draw another set of arms on the alien. ☐ If the answer is in tenths, draw a sign that says "Welcome to our planet" in the alien's hand.
$\frac{8}{14} \times \frac{1}{3} =$	☐ If the answer is a whole number, draw an alien dog by the alien's feet. ☐ If the answer is in thirds, draw a boat in the water.	$\frac{3}{4} \times \frac{1}{16} =$	☐ If the answer is larger than one-half, draw flowers near the water. ☐ If the answer is in sixty-fourths, draw another planet in the sky.
$\frac{6}{11} \times \frac{4}{7} =$	☐ If the answer is less than one, draw 3 alien trees. ☐ If the answer is in sevenths, draw the sun in the sky.	$\frac{6}{5} \times \frac{13}{10} =$	☐ If the answer is a mixed number, draw an alien spaceship in the sky. ☐ If the answer is in fifths, draw space helmets on the superheroes.
$5\frac{1}{6} \times 7\frac{1}{3} =$	☐ If the answer is in thirds, draw another alien. ☐ If the answer is a mixed number, draw a mystery fin in the water.	$1\frac{3}{8} \times 4\frac{1}{2} =$	☐ If the answer is a whole number, draw a mustache on the alien. ☐ If the answer is in eighths, draw eyebrows on the alien.

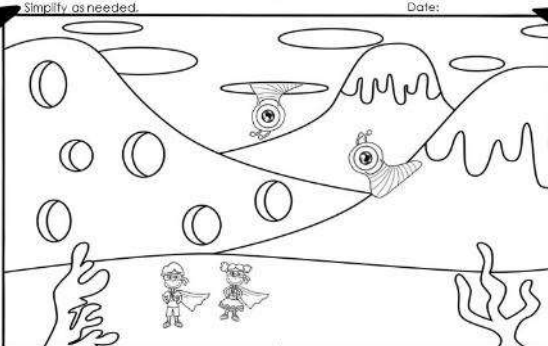
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Stop the Comet: Multiplying Mixed Numbers

Alien Monster: Mixed Multiplication

Solve the problems and add to the drawing.
Simplify as needed.

Name: _____
Date: _____

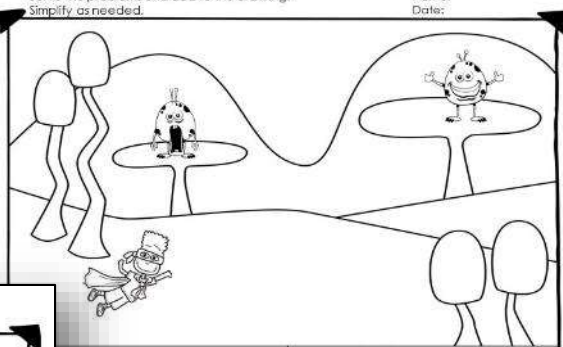


$\frac{1}{5} \div \frac{2}{3} =$	☐ If the answer is a mixed number, draw an alien lake. ☐ If the answer is in tenths, draw one more eyeball on each alien.	$\frac{1}{3} \div \frac{3}{4} =$	☐ If the answer is less than one-half, give one of the aliens teeth. ☐ If the answer is in tenths, draw ears on one of the aliens.
$\frac{1}{8} \div \frac{7}{10} =$	☐ If the answer is in twenty-firsts, draw another alien plant. ☐ If the answer is equivalent to one-half, draw another superhero.	$\frac{1}{2} \div \frac{2}{3} =$	☐ If the answer is more than one-half, draw an alien snowboarding down a mountain. ☐ If the answer is in halves, draw three more holes on the mountain.
$\frac{1}{9} \div \frac{2}{7} =$	☐ If the answer is a whole number, draw two more holes in the sky. ☐ If the answer is in fifths, draw arms on the aliens.	$\frac{2}{9} \div \frac{3}{4} =$	☐ If the answer is a whole number, draw two more holes in the mountain. ☐ If the answer is in twenty-sevenths, draw two more holes in the sky.
$\frac{4}{9} \div \frac{1}{2} =$	☐ If the answer is in ninths, draw a volcanic eruption from one of the mountains.	$\frac{1}{7} \div \frac{1}{5} =$	☐ If the answer is in sevenths, draw an alien talking to the superheroes.

Planet of Holes: Dividing fractions, no simplifying

Solve the problems and add to the drawing.
Simplify as needed.

Name: _____
Date: _____



$\frac{3}{10} =$	☐ If the answer is more than one-half, draw a superhero standing by one of the aliens. ☐ If the answer is in sixths, draw a polka dot on the hills.	$\frac{4}{15} \div \frac{1}{8} =$	☐ If the answer is a mixed number, draw an alien spaceship in the sky. ☐ If the answer is in fifteenths, draw another flying superhero.
$\frac{1}{2} =$	☐ If the answer is a whole number, draw a sun in the sky. ☐ If the answer is in fourths, draw an alien bird on one of the trees.	$\frac{1}{3} \div \frac{3}{4} =$	☐ If the answer is a whole number, draw another set of arms on each alien. ☐ If the answer is in fourths, draw two more antennas on the aliens.
$=$	☐ If the answer is a mixed number, draw another tree. ☐ If the answer is less than one-half, draw another alien and make it look scared.	$\frac{1}{5} \div \frac{1}{4} =$	☐ If the answer is a mixed number, draw flowers under each tree. ☐ If the answer is in fourths, draw goo dripping from the hills.
$\frac{4}{5} =$	☐ If the answer is less than one-half, draw stripes on the trees. ☐ If the answer is in fourths, draw stars in the sky.	$\frac{5}{7} \div \frac{1}{6} =$	☐ If the answer is more than one-half, draw a sign that says "Welcome in the happy alien's hand." ☐ If the answer is in sevenths, draw horns on each alien.

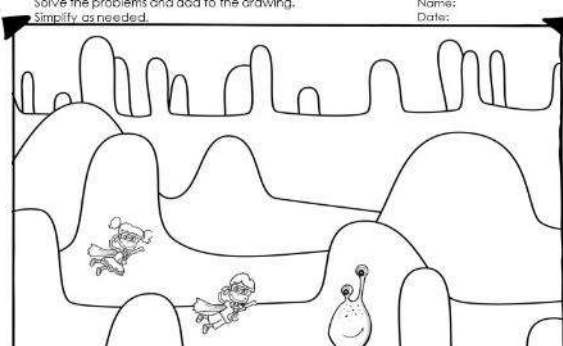
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Mushroom Planet: Dividing Mixed Numbers

Planet of Hills: Mixed division

Solve the problems and add to the drawing.
Simplify as needed.

Name: _____
Date: _____



$3\frac{3}{4} \div 1\frac{2}{3} =$	☐ If the answer is a mixed number, draw three more eyeballs on the alien. ☐ If the answer is in thirds, draw a superhero spaceship in the sky.	$2\frac{1}{2} \div 1\frac{5}{8} =$	☐ If the answer is a mixed number, draw shoes on the alien with five eyes. ☐ If the answer is in tenths, draw faces on three small hills at the top of the page.
$1\frac{7}{9} \div 1\frac{2}{9} =$	☐ If the answer is in eighteenths, draw an alien with three eyes. ☐ If the answer is more than one-half, draw space helmets on the superheroes.	$\frac{8}{5} \div \frac{3}{2} =$	☐ If the answer is more than one-half, draw three arms on each alien. ☐ If the answer is in thirds, draw an alien dog.
$2\frac{1}{2} \div 2\frac{2}{7} =$	☐ If the answer is a mixed number, draw windows and doors on three big hills. ☐ If the answer is sevenths, draw stripes on four of the hills.	$\frac{7}{2} \div \frac{4}{5} =$	☐ If the answer is a whole number, draw a speech bubble for the boy superhero and make it say "Hello!" ☐ If the answer is in eighths, draw polka dots in the sky.
$16 \div \frac{13}{4} =$	☐ If the answer is a whole number, draw a planet in the sky. ☐ If the answer is in thirteenths, draw a comet in the sky.	$4 \div \frac{4}{3} =$	☐ If the answer is a whole number, draw a speech bubble for the girl superhero and make it say "We come in peace!" ☐ If the answer is in thirds, draw horizontal stripes on two of the hills.

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Aliens In the Desert: Mixed multiplication and division

Solve the problems and add to the drawing.
Simplify as needed.

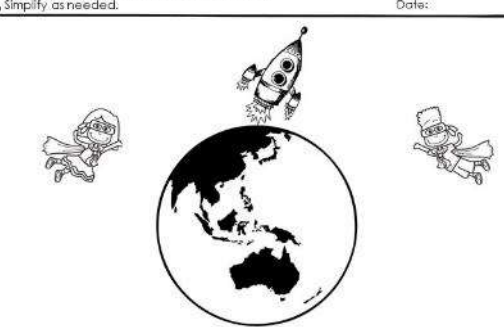
Name: _____ Date: _____



$\frac{11}{2} \div \frac{3}{4} =$	☐ If the answer is a whole number, draw clouds in the sky. ☐ If the answer is in thirds, draw an alien coming out of the spaceship.	$1\frac{4}{9} \div \frac{4}{9} =$	☐ If the answer is more than one-half, draw an alien snake with two heads near the water. ☐ If the answer is in thirds, draw a superhero spaceship.
$1\frac{1}{2} \times 1\frac{1}{9} =$	☐ If the answer is in ninths, draw an alien cactus. ☐ If the answer is less than one-half, draw an alien lizard with two tails on the small rock.	$1\frac{1}{3} \times 2\frac{1}{9} =$	☐ If the answer is a whole number, draw astronaut helmets on the superheroes. ☐ If the answer is in ninths, draw stripes on three of the rocks.
$1\frac{1}{10} + 1\frac{4}{7} =$	☐ If the answer is more than one-half, draw another boy superhero. ☐ If the answer is in twentieths, draw a speech bubble for the alien that says "Blurp!".	$\frac{5}{9} + 2\frac{1}{6} =$	☐ If the answer is less than one-half, draw stripes on the four vertical rocks. ☐ If the answer is in fifths, draw a face on one of the rocks.
$2\frac{1}{3} \times 5\frac{1}{2} =$	☐ If the answer is in sixths, draw an alien mountain climbing on the biggest rock.	$1\frac{1}{7} \times 4\frac{1}{3} =$	☐ If the answer is a mixed number, draw lightning in the sky. ☐ If the answer is in sevenths,

Solve the problems and add to the drawing.
Simplify as needed.

Name: _____ Date: _____



$6\frac{2}{5} \times \frac{1}{2} = \frac{1}{5}$	☐ If the answer is less than one-half, draw astronaut helmets on the superheroes. ☐ If the answer is a whole number, draw another girl superhero.	$\frac{3}{5} \times \frac{9}{14} = \frac{27}{70}$	☐ If the answer is in fifths, draw a comet one-fifth the size of Earth. ☐ If the answer is less than half, draw the sun one-half the size of Earth.
$\frac{1}{4} \times \frac{3}{4} = \frac{1}{4}$	☐ If the answer is in twelfths, draw smoke under the spaceship engines. ☐ If the answer is in fourths, draw a comet.	$\frac{4}{14} \times \frac{7}{18} = \frac{3}{8}$	☐ If the answer is more than half, draw a satellite one-eighth the size of Earth. ☐ If the answer is in sevenths, draw a black hole one-quarter the size of Earth.
$\frac{7}{8} \times \frac{3}{7} = \frac{3}{8}$	☐ If the answer is more than one-half, draw three stars that are one-eighth the size of Earth. ☐ If the answer is in eighths, write "USA" on the body of the spaceship.	$\frac{9}{10} \times \frac{1}{2} = \frac{9}{20}$	☐ If the answer is less than one-half, draw an astronaut outside the spaceship. ☐ If the answer is in halves, draw the planet Saturn.
$\frac{5}{6} \times \frac{1}{3} = \frac{5}{18}$	☐ If the answer is less than one-half, draw a full moon that is half the size of Earth. ☐ If the answer is a whole number, draw another spaceship.	$\frac{2}{7} \times \frac{7}{8} = \frac{1}{4}$	☐ If the answer is in fourths, draw a line of stars shooting from one superhero's hand. ☐ If the answer is more than one-half, draw the planet Mars.

Challenge Page

Challenge #1:

Choose a drawing prompt that was not correct. Create a fraction equation that fits the prompt, and add the drawing to the original page.

Example

Original Equation	Drawing Prompts	New Equation
$\frac{2}{5} \times \frac{1}{2} = \frac{1}{5}$	☒ If the answer is less than one-half, draw astronaut helmets on the superheroes. ☒ If the answer is a whole number, draw another girl superhero.	$\frac{2}{1} \times \frac{3}{2} = 3$

Challenge #1 Workspace:

Challenge #2:

Create a new fraction equation and write two new drawing prompts. One must be correct, the second is your choice to make correct or incorrect.

New Equation	Drawing Prompts

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Challenge Page:
Can be used with
all pages

Answer Keys included
for each page.

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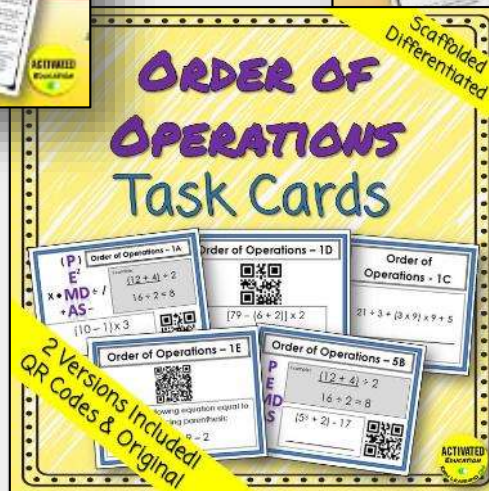
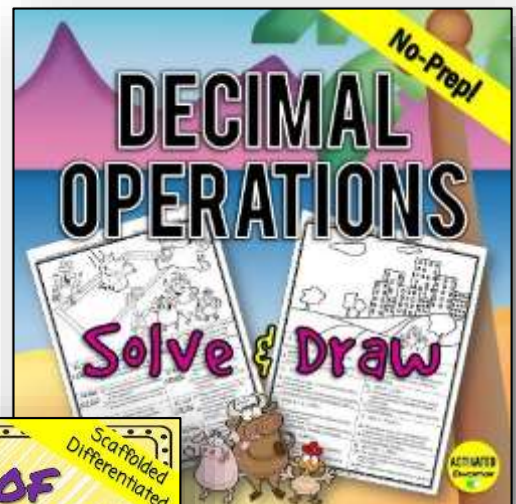


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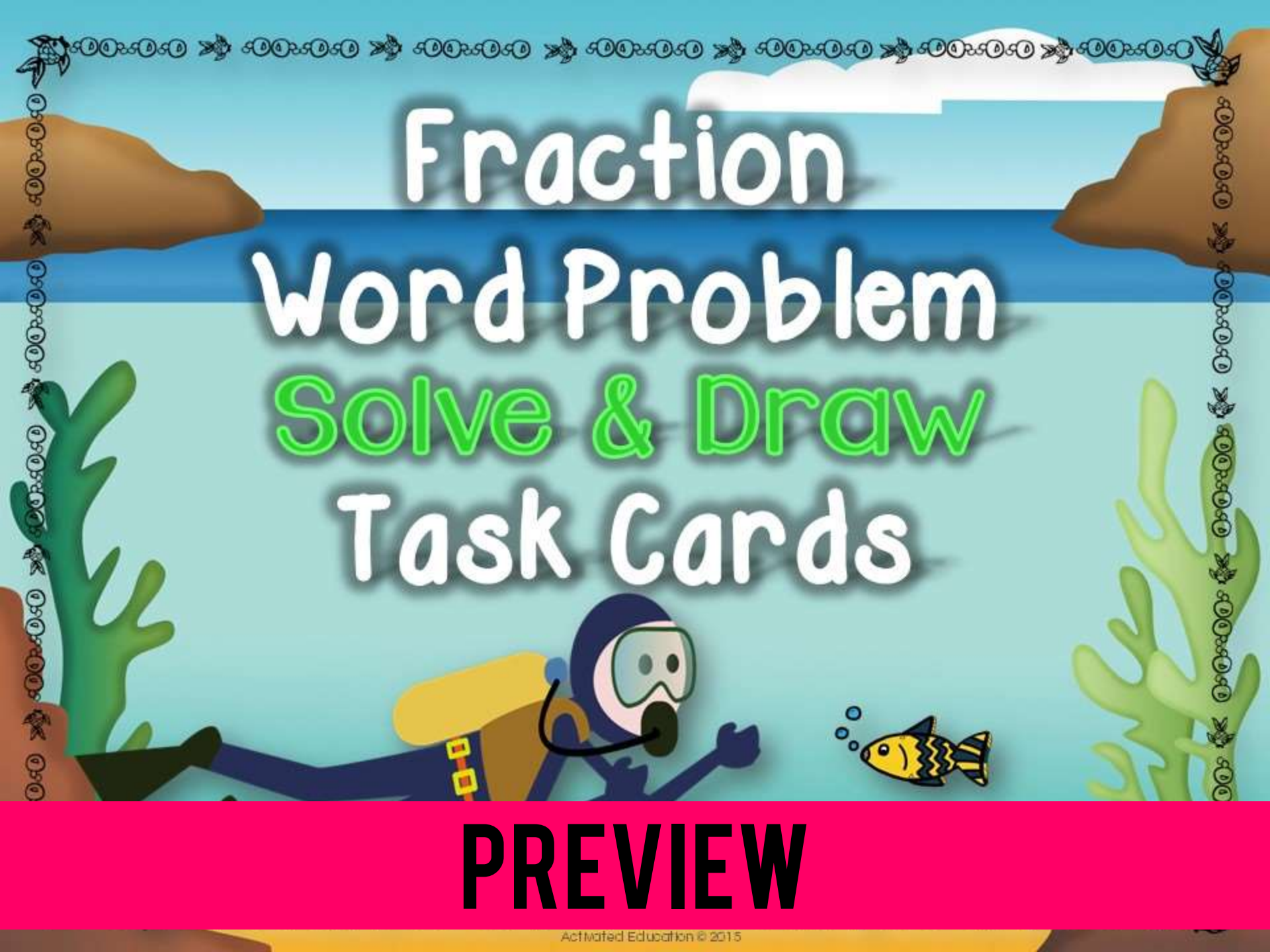


Get all Fraction
Operations in this
Bundle!

Graphics
Credited
To:



Additional graphics
by Openclipart.org

The background is an underwater scene. At the top, there are brown rock formations and a white cloud-like shape. The water is light blue. In the center, a diver in a blue suit and yellow tank is swimming. To the right of the diver is a small yellow and black striped fish with bubbles. On the left and right sides, there are green coral-like structures. The entire scene is framed by a decorative border of small fish and bubbles.

Fraction Word Problem Solve & Draw Task Cards

PREVIEW

Fraction Word Problems Solve & Draw Task Cards

Directions

Fraction Word Problems Solve & Draw Task Cards are a no-prep way to make fraction review work or practice more engaging. These are also designed to provide practice of reading math directions and breaking down multi-step word problems. These are intended to be a challenge or review activity.

How Solve & Draw Task Cards Work:

Students read the word problem, determine the steps they need to take, and solve the fraction calculations. Then, there are two related math problems, often requiring critical thinking and making connections, that will prompt them to add specific objects to the drawing. To keep them guessing, each problem may have one correct drawing prompt, two, or none.

Drawing is no-prep because it can be done with a 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.

Three drawings are included, each with 8 associated task cards (sea creature from the correct drawing is on each numbered task card). Each task card contains three related math problems.

Task cards are included in both color and black-and-white. An answer sheet with workspace is provided and may be copied on to the back of the drawing or separately. You may also choose to print copies of the task cards in black-and-white, especially for students needing support, and allowing students to complete the work on the task cards.

Drawing prompts require a student to use multiple skills:

- Fraction calculations (all operations)
- Comparing and reducing fractions
- Reading word problems carefully and determining the steps and calculations needed to solve
- Making math connections
- Independently using math vocabulary
- Reading directions accurately

PREVIEW

Lacy's cat Fluffy weighs $\frac{2}{3}$ as much as her sister's cat Fang. If Fang weighs 15 pounds, how much does Fluffy weigh?

☐ Fluffy eats $\frac{1}{2}$ cup of cat food per day, and Fang eats $\frac{1}{4}$ cup of cat food per day. If they eat a combined amount of $1\frac{1}{4}$ cups of cat food a day, draw a starfish on the bottom of the sea.

☐ Fang gains $3\frac{1}{2}$ pounds. If Fang now weighs $1\frac{1}{2}$ times more than Fluffy, draw the sun.

Task Cards (8 per drawing, color or black-and-white version)

There are 440 students at Lakewood Middle School. Two-fifths of the students are 6th graders. How many 6th graders go to Lakewood?

☐ If the number of sixth graders is more than 200, draw another fish looking at the scuba diver.

☐ If the number of 7th and 8th graders combined is 264, draw a net in the scuba diver's left hand.

Drawing



Fraction Word Problems Solve & Draw Task Cards
Answer Sheet

Directions: Solve the problems on each task card. Show your work here and circle your answers to keep organized.

Name: _____
Date: _____
Class: _____

Student Answer Sheet

Answer Key

There are 440 students at Lakewood Middle School. Two-fifths of the students are 6th graders. How many 6th graders go to Lakewood?

176 6th graders

☒ If the number of sixth graders is more than 200, draw another fish looking at the scuba diver.

☒ If the number of 7th and 8th graders combined is 264, draw a net in the scuba diver's left hand.



ANSWER KEY

Lacy's cat Fluffy weighs $\frac{2}{3}$ as much as her sister's cat Fang. If Fang weighs 15 pounds, how much does Fluffy weigh?

10 pounds

☒ Fluffy eats $\frac{1}{2}$ cup of cat food per day, and Fang eats $\frac{1}{4}$ cup of cat food per day. If they eat a combined amount of $1\frac{1}{4}$ cups of cat food a day, draw a starfish on the bottom of the sea.

☒ Fang gains $3\frac{1}{2}$ pounds. If Fang now weighs $1\frac{1}{2}$ times more than Fluffy, draw the sun.

Last year, Kurt made \$2500 mowing lawns. He spent \$400 for gas in his mower, and \$350 for oil. What fraction of his money was profit (money left after his expenses)?

$\frac{7}{10}$

☒ If Kurt spent $\frac{1}{5}$ of his income on gas, draw a net in the scuba diver's left hand.

☒ If Kurt spent $\frac{1}{5}$ of his income on gas, draw a net in the scuba diver's left hand.

Cole is planning to raise money for a local charity by selling 100 tickets for \$150.00 to the school play. He has already sold 20 tickets for \$120.00 towards the play. How much more money does he need to raise to pay for the play?

\$130.00

☒ If Cole has sold more than 20 tickets, draw a starfish on the bottom of the sea.

PREVIEW

Dante works at a busy smoothie shop for 5 hours a day after school. Each smoothie takes $\frac{1}{4}$ of an hour to make. How many smoothies can he make in one of his workdays?

☐ On the weekends, Dante works 8 hours a day with a half hour lunch break. If he can make 30 smoothies in a weekend day, draw a hot air balloon in the sky.

☐ Smoothies cost $1\frac{1}{2}$ dollars. If the cost of the smoothies Dante makes in a week is \$32, draw a jellyfish in the water.

Task Cards (8 per drawing, color or black-and-white version)

There are 1,200 members of the local gym. In a poll, $\frac{5}{12}$ of members said they wanted a swimming pool added to the gym and $\frac{4}{5}$ of those members also wanted a hot tub. How many members want a pool and a hot tub?

☐ If 700 members do not want a pool or a hot tub, draw a seagull floating on the water.

☐ If 100 members want only the pool with no hot tub, draw an octopus in the bottom right corner of the picture, behind the sea plants.

 **Fraction Word Problems Solve & Draw Task Cards Answer Sheet**

Directions: Solve the problems on each task card. Show your work here and circle your answers to keep organized.

Name: _____ Date: _____ Class: _____

1) _____

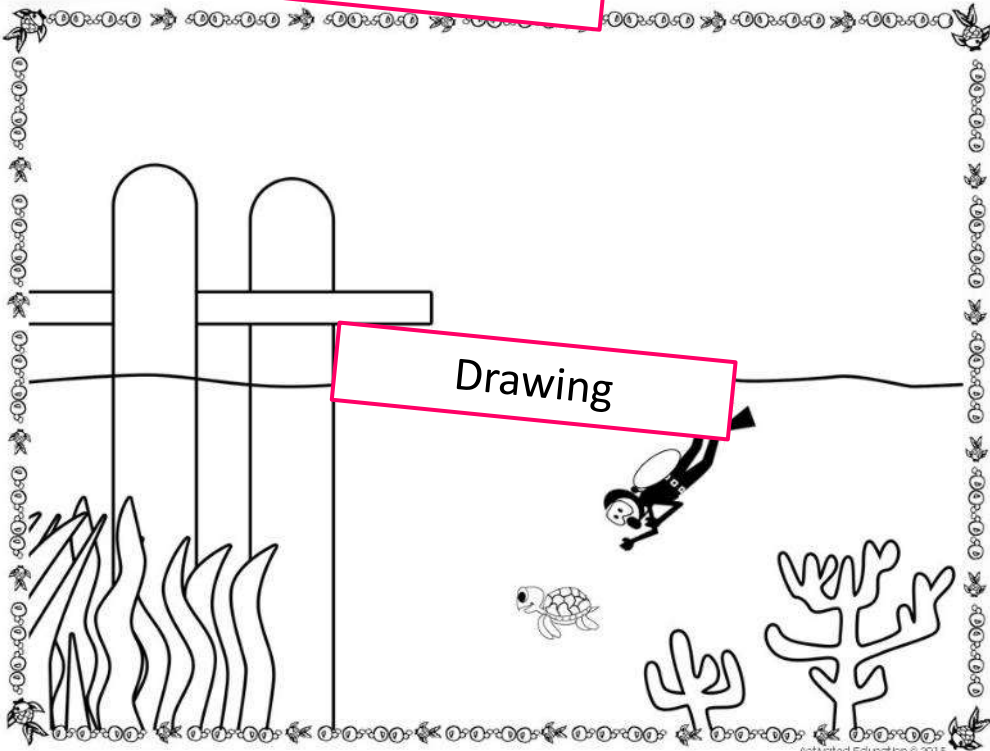
2) _____

3) _____

4) _____

5) _____

Student Answer Sheet



Drawing

ANSWER KEY

There are 1,200 members of the local gym. In a poll, $\frac{5}{12}$ of members said they wanted a swimming pool added to the gym and $\frac{4}{5}$ of those members also wanted a hot tub. How many members want a pool and a hot tub?

400 members

☒ If 700 members do not want a pool or a hot tub, draw a seagull floating on the water.

☒ If 100 members want only the pool with no hot tub, draw an octopus in the bottom right corner of the picture, behind the sea plants.

Camille bought $\frac{3}{4}$ tons of dirt for one ton. She needs to divide it into piles that are $\frac{1}{8}$ ton each. How many piles should she make?

6 piles

Dante works at a busy smoothie shop for 5 hours a day after school. Each smoothie takes $\frac{1}{4}$ of an hour to make. How many smoothies can he make in one of his workdays?

20 smoothies

☒ On the weekends, Dante works 8 hours a day with a half hour lunch break. If he can make 30 smoothies in a weekend day, draw a hot air balloon in the sky.

☒ Smoothies cost $1\frac{1}{2}$ dollars. If the cost of the smoothies Dante makes in a week is \$32, draw a jellyfish in the water.

Jake wants to raise money for his school. He has so far raised \$100. He needs to raise \$200 more. How much more money does he need to raise?

\$100

PREVIEW

The Smith family can usually drive to their vacation spot in $2\frac{3}{4}$ hours. This time, a storm hit and it takes them 5 hours. How much longer did the storm add to their trip?

- ☐ The storm is over when they drive home. It takes them the normal $2\frac{3}{4}$ hours driving altogether, draw a picture of the boat at the top of the page.
- ☐ If the Smith family normally drives both ways, draw another anemone.

Isaiah saves $\frac{1}{10}$ of his paycheck each month and puts $\frac{1}{15}$ into a retirement account. How much of his paycheck is left for Isaiah to use on other things?

- ☐ Isaiah decides to invest an additional $\frac{1}{10}$ of his paycheck. If that makes his total savings, retirement investments $\frac{4}{15}$ of his paycheck, draw a picture of the sea floor.
- ☐ If the teacher decides to use 2" binders. If she fills up exactly 3 shelves with binders for her students, draw a scar on one of the shark's snout.

Task Cards (8 per drawing, color or black-and-white version)

Student Answer Sheet

Fraction Word Problems Solve & Draw Task Cards Answer Sheet

Directions: Solve the problems on each task card. Show your work here and circle your answers to keep organized.

Name: _____
Date: _____
Class: _____

1)

2)

3)

4)

Answer Key

A teacher has an $1\frac{1}{2}$ " binder for each of her 28 students. How many binders will fit on a shelf that is 18" wide?

12 binders

- ☒ If the teacher will fill up $2\frac{1}{2}$ shelves, draw a shark cage around the diver.
- ☒ The teacher decides to use 2" binders. If she fills up exactly 3 shelves with binders for her students, draw a scar on one of the shark's snout.

1

The Smith family can usually drive to their vacation spot in $2\frac{3}{4}$ hours. This time, a storm hit and it takes them 5 hours. How much longer did the storm add to their trip?

$2\frac{3}{4}$ hours

when they drive home. It takes them the normal $2\frac{3}{4}$ hours driving altogether, draw a picture of the boat at the top of the page.

- ☒ If the Smith family normally drives both ways, draw another anemone.

ANSWER KEY

A pair of shoes that is \$65.20 regularly is on sale for $\frac{1}{4}$ off. How much do the shoes cost on sale?

\$48.90

- ☒ If the shoes are discounted by \$16.30, draw a starfish clinging to one of the rocks.
- ☒ If using a coupon for an additional $\frac{1}{8}$ off, you a total of $\frac{3}{5}$ off the regular price, draw a jellyfish in the water.

Isaiah saves $\frac{1}{10}$ of his paycheck each month and puts $\frac{1}{15}$ into a retirement account. How much of his paycheck is left for Isaiah to use on other things?

Isaiah decides to invest an additional $\frac{1}{10}$ of his paycheck. If that makes his total savings, retirement investments $\frac{4}{15}$ of his paycheck, draw a picture of the sea floor.

If the teacher decides to use 2" binders. If she fills up exactly 3 shelves with binders for her students, draw a scar on one of the shark's snout.

Drawing

PREVIEW

Thank you for previewing!

Please contact me at activatededucation@gmail.com or via my store Q&A if you have any questions, concerns, or feedback.

Thank you!

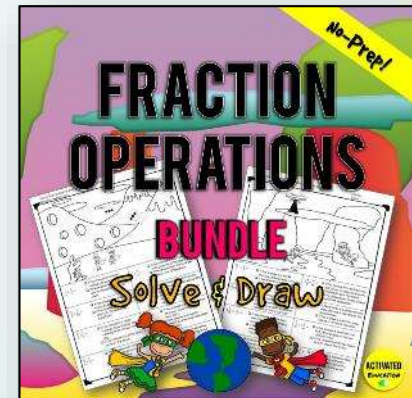
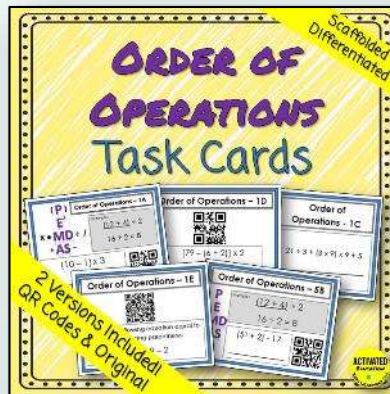
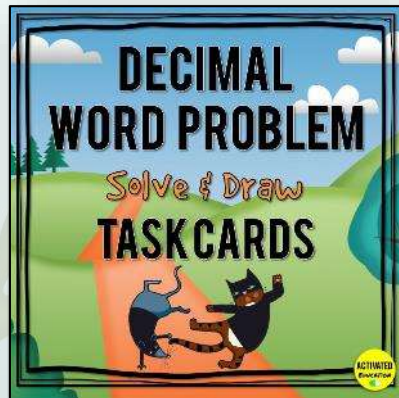


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