

# ~Readington Middle School Math Fundamentals~



Welcome to Mrs. Myers' and Mrs. Petersen's  
Math Fundamentals Website.

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## Learning Style Inventory

Please click on the link below to open the survey. We ask that you answer the questions as accurately as possible. When you are finished, please print out your results, write your name at the top of the page, and turn in to your teacher.  
[http://www.bgfl.org/bgfl/custom/resources\\_frp/client\\_frp/ks3/ict/multiple\\_int/index.htm](http://www.bgfl.org/bgfl/custom/resources_frp/client_frp/ks3/ict/multiple_int/index.htm)

## ALGEBRAIC EXPRESSIONS:

Write algebraic expressions using subtraction

<http://www.ipracticemath.com/math-problem/Algebra/Write-variable-expression-for-Subtraction>

## DATA ANALYSIS AND PROBABILITY ACTIVITIES

Bamzooki - Mean, Median, Mode, and Range

Play this game to practice finding the mean, median, mode, and range.

[http://www.bbc.co.uk/schools/ks2bitesize/maths/data/mode\\_median\\_mean\\_range/play.shtml](http://www.bbc.co.uk/schools/ks2bitesize/maths/data/mode_median_mean_range/play.shtml)

## Video-MMM

This video reviews how to find the mean, median, and mode of numbers.

<http://video.kidzui.com/videos/882623?related%5Bchannel%5D=math>

## Brain Pop - Measures of Central Tendency

Watch this video to review mean, median, mode and range by entering the username:rmsnj and password: rmspopooo. Then take the review quiz.

<http://www.brainpop.com/math/probability/meanmedianmodeandrange/>

## Bar Chart

Create a bar chart showing quantities or percentages by labeling columns and clicking on values.

[http://nlvm.usu.edu/en/nav/grade\\_g\\_3.html](http://nlvm.usu.edu/en/nav/grade_g_3.html)

## Landmark Shark

Decide which number has a higher value from a set of data to earn points.

<http://media.emgames.com/emgames/demosite/playdemo.html?activity=M5A006&activitytype=dcr>

## Quia - Rags to Riches

Can you win the top prize amount by answering 15 questions correct.

<http://www.quia.com/rr/147850.html>

## Mean, Median, and Mode video

How do I find the mean, median, and the mode of a set of data? Watch this video to help.

<https://www.youtube.com/watch?v=5C9LBF3b65s>

## Mean, Median, and Mode - building activity

Find the mean, median, and mode of the buildings shown.

<http://www.kidsmathgamesonline.com/numbers/meanmedianmode.html>

# DECIMAL ACTIVITIES:

## Subtracting - Baseball

Get home runs and answer questions about decimals

<http://www.math-play.com/baseball-math-subtracting-decimals/subtracting-decimals.html>

## Addition - Baseball

Get home runs and answer questions about decimals

<http://www.math-play.com/baseball-math-adding-decimals/adding-decimals.html>

## Subtraction - Decimals

Answer questions correctly and have the opportunity to try and score goals in a soccer game.

<http://www.math-play.com/subtracting-decimals-game/subtracting-decimals-game.html>

## Addition - Soccer

Answer questions correctly and have the opportunity to try and score goals in a soccer game.

<http://www.math-play.com/soccer-math-adding-decimals-game/adding-decimals-game.html>

## Subtraction - Basketball

Timed Game: Answer ten questions and you receive 3 seconds for each correct answer and lose 5 seconds for each incorrect answer. You then have time to compete and try to make as many baskets as you can. One player game: Answer a question correctly, get a chance to shoot a basket.

<http://www.math-play.com/subtracting-decimals-game.html>

## Addition - Basketball

Timed Game: Answer ten questions and you receive 3 seconds for each correct answer and lose 5 seconds for each incorrect answer. You then have time to compete and try to make as many baskets as you can. One player game: Answer a question correctly, get a chance to shoot a basket.

<http://www.math-play.com/adding-decimals-game.html>

## Multiplication - Basketball

Timed Game: Answer ten questions and you receive 3 seconds for each correct answer and lose 5 seconds for each incorrect answer. You then have time to compete and try to make as many baskets as you can. One player game: Answer a question correctly, get a chance to shoot a basket.

<http://www.math-play.com/multiplying-decimals-game.html>

## Jeopardy

Practice decimal computation by playing Jeopardy (multi player game or single player game)

<http://www.math-play.com/Decimals-Jeopardy/decimals-jeopardy.html>

## Add/Subtract Video

This is a video that teaches the rule to adding and subtracting decimals.

<http://video.kidzui.com/videos/1297661?related%5Bsearch%5D=math+songs>

### Addition - Circle 3

The goal of this puzzle is to put three numbers inside of each circle so that they add up to 3. Solve the puzzle by dragging the black numbers to the blank spaces. You cannot move the blue numbers. When the three numbers inside any circle add up to 3, the circle changes color.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_187\\_g\\_3\\_t\\_1.html?open=instructions](http://nlvm.usu.edu/en/nav/frames_asid_187_g_3_t_1.html?open=instructions)

### Subtraction - Diffy

Solve an interesting puzzle involving the differences of given numbers.

[http://www.nlvm.usu.edu/en/nav/frames\\_asid\\_326\\_g\\_3\\_t\\_1.html](http://www.nlvm.usu.edu/en/nav/frames_asid_326_g_3_t_1.html)

## FACT FUN:

### Skater Math

Click on the correct answers at the right time to jump objects in the road. Choose addition, subtraction, multiplication, or division facts.

<http://www.hoodamath.com/games/skatermath.html>

### Math Find

Click and drag from left to right to circle arithmetic expression that matches answers on right side. Great practice for basic math facts.

<http://www.hoodamath.com/games/mathfind.html>

### \*Arcademic Games\*

This link will take you to a page where you can practice basic math skills and your speed with these skills. Race against your friends, the computer, or people from another location.

<http://www.arcademics.com/>

### Ant Go Marching

Multiplicaton-Choose fact or fact range. Answer enough questions correctly to play the game.

<http://www.multiplication.com/flashgames/AntsMarching.htm>

### Basketball

Timed Game: Answer ten questions and you recieve 3 secong for each correct answer and loose 5 seconds for each incorrect answer. You then have time to compete and try to make as many baskets as you can. One player game: Answer a question correctly, get a chance to shoot a basket.

<http://www.math-play.com/one-digit-multiplication-game.html>

### Car Wash

Multiplication-Choose from fact or fact range. Complete problems to get the cars clean.

<http://www.multiplication.com/flashgames/CarWash.htm>

### Drag Race Division

Division-Enter your name and click Create Game, Create Game, Start Race. The quicker you answer the faster your car will go. Incorrect answers are displayed at the end of the game.

[http://arcademicskillbuilders.com/games/drag\\_race/drag\\_race.html](http://arcademicskillbuilders.com/games/drag_race/drag_race.html)

### Granny Prix

Multiplication-Choose from fact or fact range. The quicker you answer the problems, the quicker your granny travels. Activity shows time and problems to focus on at the end!

<http://www.multiplication.com/flashgames/GrannyPrix.htm>

### Harvest Hootenanny

Multiplication-Choose from fact or fact range. Complete the answers correctly to play the game

<http://www.multiplication.com/flashgames/hootenanny/harvesthoot.htm>

### Math Models

Multiplication: Choose fact or range of facts. Answer questions, receive clothing items to design an outfit.

<http://www.multiplication.com/flashgames/MathModel.htm>

### Race the Clock (div)

Choose fact or fact range. Race the clock to see how many questions you can answer correctly.

<http://resources.oswego.org/games/mathmagician/mathdiv.html>

### Race the Clock (mult)

Choose fact or fact range. Race the clock to see how many questions you can answer correctly!

<http://resources.oswego.org/games/mathmagician/mathsmulti.html>

### Tank Demolition

Division-Enter your name and click Create Game, Create Game, Start Race. Click on the correct answer before the tank destroys your wall. You can choose range of facts and speed (slow medium fast) Incorrect answers are displayed at the end of the game.

<http://www.arcademicskillbuilders.com/games/demolition/demolition.html>

### Tony's Tires

Multiplication- Choose fact or fact range. Answer question to purchase tires for your race car. Race and try to beat your time!

<http://www.multiplication.com/flashgames/TonysTires.htm>

### Tractor Tug Team

Multiplication-Facts range from 1 to 12. Answer as quickly as possible to win the tractor pull. Incorrect answers are shown at the end of the game.

<http://www.arcademicskillbuilders.com/games/tractor-multiplication/tractor-multiplication.html>

## **FRACTION/DECIMAL/PERCENT ACTIVITIES:**

Group Frac, Dec, and %

Group equivalent fractions, decimals, and percents

<http://www.mathplayground.com/Decention/Decention.html>

Fraction and Decimal Equivalents

Match fractions that add up to 1 or decimals that add up to 1.00 or fractions and decimals that add up to 1.

<http://www.mathplayground.com/PartPartWhole.html>

Flower Power

Read the directions before beginning this game. Order fractions and decimals from largest to smallest. Get answers right and win money and time.

[http://www.mangahigh.com/en\\_gb/games/flowerpower](http://www.mangahigh.com/en_gb/games/flowerpower)

Jeopardy

Practice converting between fractions, decimals, and percents by playing Jeopardy. (single player or multiplayer game)

<http://www.math-play.com/Fractions-Decimals-Percents-Jeopardy/fractions-decimals-percents-jeopardy.html>

Timed

Answer questions about converting between decimals and percents

<http://www.math-play.com/Decimals-and-Percents/Decimals-and-Percents.html>

Who Wants to be a Millionaire?

Practice fraction, decimal, and percent conversions by playing Who Wants to be a Millionaire. (Single player or two player game)

<http://www.math-play.com/Changing-Fractions-and-Decimals-to-Percents/changing-fractions-and-decimals-to-percents-millionaire.html>

## **FRACTION ACTIVITIES:**

Prime Landing

Land the rocket safely by knowing your Prime numbers. Click yes or no, depending whether the number is prime or not.

<http://www.hoodamath.com/games/primelanding.html>

Adding - Two Step Sum

This manipulative illustrates the two-step process of adding proper fractions.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_106\\_g\\_3\\_t\\_1.html](http://nlvm.usu.edu/en/nav/frames_asid_106_g_3_t_1.html)

Adding Fractions Tutorial

Click here for a tutorial on the Addition of fractions with like and unlike denominators.

[http://www.harcourtschool.com/activity/show\\_me/e535.htm](http://www.harcourtschool.com/activity/show_me/e535.htm)

Addition - Clara Fraction's Ice Cream Shop

Fulfill an icecream order by adding fractions

[http://www.mrnussbaumgames.com/icecream\\_shop/](http://www.mrnussbaumgames.com/icecream_shop/)

Addition/Subtraction - Game Board

In this online board game you have to add and subtract fractions with like and unlike denominators. Answer questions correctly and move around the game board and get points. The more points that you finish the game with, the better!

<http://www.math-play.com/adding-and-subtracting-fractions-game.html>

Addition/Subtraction - Math Splat

Add and subtract fractions both with similar denominators and different denominators

<http://fen.com/studentactivities/MathSplat/mathsplat.htm>

Addition/Subtraction Noah

Answer questions about adding and subtracting fractions. Simplify when necessary

<http://www.math-play.com/Adding-Fractions-Game.html>

## Ball Jar

Drop each ball into the jar that shows an equivalent fraction.

<http://themathgames.com/our-games/fraction-games/play-fraction-balls-2/>

## Compaing 2, 3, or 4 Fractions

Play the game and collect all of the boxes, as the conclusion of the game, you must answer fraction questions to continue to the next level.

<http://www.mathplayground.com/HauntedFractions/HFGameLoader.html>

## Comparing Fractions

Judge the size of fractions and plot them on a number line.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_159\\_g\\_3\\_t\\_1.html](http://nlvm.usu.edu/en/nav/frames_asid_159_g_3_t_1.html)

## Comparing Fractions with Similar Denominators

Compare fractions with the same denominator. Decide whether the fractions is greater than, less than, or equal to the other fraction.

<http://www.aaamath.com/fra43a-comparefract.html>

## Comparing Fractions with Unlike Denominators

Compare fractions with the same denominator. Decide whether the fractions is greater than, less than, or equal to the other fraction.

<http://www.aaamath.com/fra43b-comparefractud.html>

## Equivalent Fraction - Fraction Frenzy

Identify equivalent fractions given a time limit

<http://www.learningplanet.com/sam/ff/index.asp>

## Factor Feeder

Use Arrow Keys to move. Eat factors of the given multiple. Avoid numbers that are not factors of the given multiple.

<http://www.hoodamath.com/games/factorfeeder.html>

## Factors and Multiples Jeopardy

Practice with Factors, Multiples, and GCF and LCM by playing Jeopardy (single player or multiple player game)

<http://www.math-play.com/Factors-and-Multiples-Jeopardy/Factors-and-Multiples-Jeopardy.html>



## Factors Snake

Click on factors to play Factors Snake. Eat all of the factors of the number given to move on to the next level. Careful not to run into your own body or the walls, and make sure not to eat a number that's not a factor.

<http://www.arcadediner.com/Snake>

## Fraction Halves - Fraction Flags

Paint flags in half with a variety of colors

<http://www.oswego.org/ocsd-web/games/fractionflags/fractionflags.html>

## Fraction Match- Melvin's Make a Match

Match written fractions with illustrated equivalent pictures

<http://pbskids.org/cyberchase/games/equivalentfractions/index.html>

## Fraction Recognition

Recognize fractions in a timed setting

<http://www.jamit.com.au/htmlFolder/app1001.html>

## Fraction Thirds - Fraction Flags

Paint flags in thirds with a variety of colors.

<http://www.oswego.org/ocsd-web/games/fractionflags/ffthirds.html>

## Fractional Pieces - Tony's Fraction Pizza Shop

Fulfill an order for a pizza based on the slices and toppings.

[http://www.mrnussbaumgames.com/pizza\\_game/index.html](http://www.mrnussbaumgames.com/pizza_game/index.html)

## Jeopardy

Practice all four fraction computation problems by playing Jeopardy (multi player game or single player game)

<http://www.math-play.com/Fractions-Jeopardy/fractions-jeopardy.html>

## Multiples Snake

Click on multiples to play Multiples Snake. Eat all of the multiples of the number given to move on to the next level. Careful not to run into your own body or the walls, and make sure not to eat a number that's not a multiple.

<http://www.arcadediner.com/Snake>

Multiplication - Mystery Picture

Multiply fractions in small word problems

<http://www.dositey.com/math/mystery2.html>

Multiplication - Rectangular Multiplication

Visualize and practice multiplying fractions using an area representation.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_194\\_g\\_3\\_t\\_1.html](http://nlvm.usu.edu/en/nav/frames_asid_194_g_3_t_1.html)

## GEOMETRY ACTIVITIES:

Area and Perimeter

Plan a party by setting aside specific areas and perimeters for different sections.

<http://www.mathplayground.com/PartyDesigner/PartyDesigner.html>

Area of Compound Figures

Answer the questions then click submit.

<http://www.ixl.com/math/practice/grade-5-area-of-compound-figures>

Area of Parallelograms and Trapezoids

Answer the questions then click submit. You may use a calculator.

<http://www.ixl.com/math/practice/grade-5-area-of-parallelograms-and-trapezoids>

Attribute Trains

Learn about shape and color patterns of by completing trains of blocks.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_271\\_g\\_3\\_t\\_3.html?open=instructions](http://nlvm.usu.edu/en/nav/frames_asid_271_g_3_t_3.html?open=instructions)

Circles-Song

This song teaches circumference, diameter, and radius and their relation with each other.

<http://video.kidzui.com/videos/549657?related%5Bchannel%5D=math>

Geoboards

Use geoboards to illustrate area and perimeter.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_282\\_g\\_3\\_t\\_3.html?open=activities](http://nlvm.usu.edu/en/nav/frames_asid_282_g_3_t_3.html?open=activities)

## Tessellations

Using regular and semi-regular tessellations to tile the plane.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_163\\_g\\_3\\_t\\_3.html?open=activities](http://nlvm.usu.edu/en/nav/frames_asid_163_g_3_t_3.html?open=activities)

## GRAPHS:

### Brain Pop-Graphs

Watch this Graph video by entering the username: rmsnj and password: rmspop000.

Then complete the Pop Quiz - You should select the Review Quiz.

<http://www.brainpop.com/math/dataanalysis/graphs/>

### Brain Pop-Tables

Watch this informative video on Tables by entering the username: rmsnj and password: rmspop000.

Then complete the Pop Quiz - You should select the Review Quiz.

<http://www.brainpop.com/math/dataanalysis/problemsolvingusingtables/>

### Choosing the best graph

Answer the questions then click submit.

<http://www.ixl.com/math/practice/grade-6-choose-the-best-type-of-graph>

### Circle Graphs with Fractions

Answer questions then click submit.

<http://www.ixl.com/math/practice/grade-6-circle-graphs-with-fractions>

### Create Bar Graphs

Answer questions and click submit.

<http://www.ixl.com/math/practice/grade-6-create-bar-graphs>

### Create Double Bar Graphs

Answer questions then click submit.

<http://www.ixl.com/math/practice/grade-6-create-double-bar-graphs>

### Create frequency tables

Answer the questions then click submit.

<http://www.ixl.com/math/practice/grade-6-create-frequency-tables>

## Create Histograms

Answer questions then click submit.

<http://www.ixl.com/math/practice/grade-6-create-histograms>

## Create Line Graphs

Answer questions then click submit.

<http://www.ixl.com/math/practice/grade-6-create-line-graphs>

## Create Line Plots

Answer the questions then click submit.

<http://www.ixl.com/math/practice/grade-6-create-line-plots>

## Create Pictographs

Answer the questions then click submit.

<http://www.ixl.com/math/practice/grade-6-create-pictographs>

## Data Picking

Collect data from a class and organize the data in a variety of ways.

<http://www.bbc.co.uk/education/mathsfile/shockwave/games/datapick.html>

## Interpret Bar Graphs

Answer the questions then click submit.

<http://www.ixl.com/math/practice/grade-6-interpret-bar-graphs>

## Interpret double bar graphs

Answer questions then click submit.

<http://www.ixl.com/math/practice/grade-6-interpret-double-bar-graphs>

## Interpret Line Graphs

Answer questions then click submit.

<http://www.ixl.com/math/practice/grade-6-interpret-line-graphs>

## Interpret Pictographs

Answer the questions then click submit.

<http://www.ixl.com/math/practice/grade-6-interpret-pictographs>

### Stem & Leaf Plot Video

A seven minute video on how to construct a Stem and Leaf Plot from two lists of data, one set of data consists of two digit numbers, the other set of data consists of three digit numbers. Following the construction of the Stem and Leaf Plot the video teaches mean, median, mode, and range.

[http://www.mathplayground.com/howto\\_stemleaf.html](http://www.mathplayground.com/howto_stemleaf.html)

### Stem & Leaf Plots

Answer the problems and click submit.

<http://www.ixl.com/math/practice/grade-6-stem-and-leaf-plots>

### Train Race

Determine which train to take to your destination with the given table and using mean, median, mode, and range.

<http://www.bbc.co.uk/education/mathsfile/shockwave/games/train.html>

## INTEGERS:

### Grade or No Grade (Multiply & Divide)

Answer integer questions and risk offers just like the TV show Deal or No Deal! Don't loose everything and have hte examiners beat you!

<http://www.math-play.com/multiplying-and-dividing-integers-game.html>

### Walk the Plank (Add & Subtract)

Answer questions about addition and subtraction of integers and answer enough correctly and the pirate will walk the plank into the water!

<http://www.math-play.com/integers-game.html>

### Jeopardy

Practice all Integer computation by playing Jeopardy. (Single player or multi player game)

<http://www.math-play.com/Integers-Jeopardy/Integers-Jeopardy.html>

### Connect 4

Select which Integer operation you wish to practice, and compete with another person to answer questions and connect 4 to win!

<http://www.shodor.org/interactivate/activities/ArithmeticFour/>

Integer Tilt

Use arrow keys to move blocks, keep the bar balanced.

<http://www.hoodamath.com/games/integertilt2.html>

## LINEAR EQUATIONS:

[Find the slope of a graph activities](#)

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IXL- Find the slope of a graph (8th grade)

<http://www.ixl.com/math/grade-8/find-the-slope-of-a-graph>

IXL - Find the slope of a graph (Algebra)

<http://www.ixl.com/math/algebra-1/find-the-slope-of-a-graph>

Khan - Identify the slope of a line

This activity has a video to help you if you are having trouble with this skill. It can also give you hints to help you solve the problems.

[https://www.khanacademy.org/math/algebra/linear-equations-and-inequalitie/slope-and-intercepts/e/slope\\_of\\_a\\_line](https://www.khanacademy.org/math/algebra/linear-equations-and-inequalitie/slope-and-intercepts/e/slope_of_a_line)

[Find slope and y-intercept from an equation](#)

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IXL-Slope Intercept Form

Find the slope and y-intercept from an equation in slope-intercept form.

<http://www.ixl.com/math/algebra-1/slope-intercept-form-find-slope-and-y-intercept>

[Writing Linear Equations from a Graph](#)

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Writing a linear equation from a graph

<http://www.ixl.com/math/algebra-1/slope-intercept-form-write-an-equation-from-a-graph>

[Games for Linear Equations](#)

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Algebra vs Cockroaches

[http://hotmath.com/hotmath\\_help/games/kp/kp\\_hotmath\\_sound.swf](http://hotmath.com/hotmath_help/games/kp/kp_hotmath_sound.swf)

# LOGIC PUZZLES AND BRAIN GAMES:

## 3D Tetris

Challenge yourself to a game of tetris...3D Version

~Thanks to Julia Vitale

<http://www.mathsisfun.com/games/3d-tetris-game.html>

## Escape the Room Games

Click on the link to play a variety of Escape the Room games.

<http://www.flonga.com/games/room-escape.htm>

## Hoodamath

This link offers a variety of math games.

~Thanks Zaya Neskes

<http://www.hoodamath.com>

## Magic Square

In this magic square game you have to move the numbers on the right inside the squares, so that the sum of any three numbers vertically, horizontally, or diagonally equals to 15.

<http://www.math-play.com/magic-square.html>

## Math Nook

This link offers math games involving a large variety of skills

~Thank you to Zaya Neskes

<http://www.mathnook.com>

## Math Triangles

Move the numbers inside the balloons to make the target sum.

<http://www.math-play.com/Math%20Triangle/Math%20Triangles.html>

## Sporcle

Click on this link to test your trivia Sporcle knowledge!!!

<http://www.sporcle.com>

Sudoku Puzzle

Complete Sudoku Puzzles

~Thanks to Mrs. Petersen

<http://ictmagic.visibli.com/share/9bbojG>

Telescope Puzzle

Use a series of telescope movements to move a ball from one location to another.

~Thank you to Kris Ginder

<http://www.mathsisfun.com/games/telescope-puzzle.html>

Tetris

<http://www.freetetris.org/game.php>

Traffic Jam

Move the vehicles to get the red car out of the traffic jam!

<http://www.dr-mikes-math-games-for-kids.com/online-traffic-jam-game.html>

## **NUMBER SENSE ACTIVITIES:**

Tips, Tax, and Totals

Calculate totals, tips, and tax

<http://www.mathplayground.com/mathatthemall1.html>

Multiples

Catch the multiples falling from the sky.

<http://www.mathplayground.com/multiples.html>

Jeopardy

Practice comparing numbers (integers, fractions, decimals, and whole numbers) by playing Jeopardy (single player or multiplayer game)

<http://www.math-play.com/Comparing-Rational-Numbers/comparing-rational-numbers.html>

Better Buy

<http://www.ixl.com/math/practice/grade-6-unit-prices-which-is-the-better-buy>

Count the Money

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_325\\_g\\_3\\_t\\_1.html](http://nlvm.usu.edu/en/nav/frames_asid_325_g_3_t_1.html)



## Factor Trees

Factor numbers using a tree diagram.

[http://www.nlvm.usu.edu/en/nav/frames\\_asid\\_202\\_g\\_3\\_t\\_1.html](http://www.nlvm.usu.edu/en/nav/frames_asid_202_g_3_t_1.html)

## Function Machine

Drag each number into the number machine and look for a pattern that will allow you to complete the table.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_191\\_g\\_3\\_t\\_1.html](http://nlvm.usu.edu/en/nav/frames_asid_191_g_3_t_1.html)

## Scientific Notation - Brain POP

Watch this video by entering the username: rmsnj and password: rmspopooo. Then take the Review Quiz.

<http://www.brainpop.com/math/numbersandoperations/standardandscientificnotation/>

## Scientific Notation - Game - Converting Small Numbers into Scientific Notation

<http://www.xpmath.com/forums/arcade.php?do=play&gameid=20>

## Scientific Notation - Game - Converting Large Numbers into Scientific Notation

<http://www.xpmath.com/forums/arcade.php?do=play&gameid=21>

# PEMDAS WORKSHOP:

## Order of Operations Video

Click the link below to review Order of Operations.

<http://www.khanacademy.org/video/introduction-to-order-of-operations?topic=order-of-operations>

### 1. What is PEMDAS video?

We will watch this video together as a class. You only need to click on this link if you were absent the day we did it as a class or if you want a review.

[http://www.mathplayground.com/howto\\_pemdas.html](http://www.mathplayground.com/howto_pemdas.html)

### 2. Brain Pop Video and Quiz

Watch this Order of Operations video by entering the username: rmsnj and password: rmspopooo.

Then complete the Pop Quiz - You should select the Review Quiz.

<http://www.brainpop.com/math/numbersandoperations/orderofoperations/>

### Connect Four - Integers

Play Level 2 and click all options. You need 2 people to play this game!

<http://www.shodor.org/interactivate/activities/OrderOfOperationsFou/>

### Fun Brain - Integers

You create the order to get the given answer.

<http://www.funbrain.com/cgi-bin/alg.cgi?A1=s&A2=3>

### Matho2

Practice Order of Operations by answering questions and competing individually or with up to four players.

[http://www.tki.org.nz/r/wicked/maths/interactives\\_matho2.php](http://www.tki.org.nz/r/wicked/maths/interactives_matho2.php)

### Math Frog - Whole Numbers

Practicing Order of Operations in a timed setting.

<http://cemc2.math.uwaterloo.ca/mathfrog/english/kidz/order.shtml>

### Mystery Picture Game - Integers

Reveal a picture by practicing order of operations with integers.

<http://www.dositey.com/2008/addsub/Mystery11.htm>

### Mystery Picture Game - Whole Numbers

Reveal a picture by practicing Order of Operations

<http://www.dositey.com/math/m/mystery1AM.htm>

### Pac Man

Practice Order of Operations by Playing Pac Man. Eat the ghost that has the answer to the question!

<http://themathgames.com/our-games/arithmetic-games/play-math-man1>

### Quia - Algebra - Integers

Match the math expression with its simplification using order of operations by drawing a line from one column to the other.

<http://www.quia.com/cm/16544.html>

### Slider Math 1 - Whole Numbers

Using Order of Operations, solve the expression and click the answer before it's too late.

<http://www.slidermath.com/integer/OrdOps1.shtml>

### Slider Math 2 - Whole Numbers

Using Order of Operations, solve the expression and click the answer before it's too late.

<http://www.slidermath.com/integer/OrdOps2.shtml>

### Slider Math 3 - Whole Numbers

Using Order of Operations, solve the expression and click the answer before it's too late.

<http://www.slidermath.com/integer/OrdOps3.shtml>

### Timed

Answer Order of Operations questions in a timed setting. The quicker you answer the questions, the more points you receive.

<http://www.math-play.com/Order%20of%20Operations/Order-of-Operations.html>

### Who Wants to be a Millionaire? - exponents

Practice Order of Operations by playing Who Wants to be a Millionaire (single or two player game)

<http://www.math-play.com/Order-of-Operations-Millionaire/order-of-operations-millionaire.html>

### Wood Board - Whole Numbers

Complete the math expression with the given numbers and symbols to solve the equation properly before time runs out.

<http://www.scweb4free.com/oper.html>

## **PRE ALGEBRA ACTIVITIES:**

### Algebra Basketball (Two Step)

Answer questions correctly and be given the opportunity to make baskets and score points.

<http://www.math-play.com/Two-Step-Equations-Game.html>

### Algebra Basketball (One Step)

Answer questions correctly and be given the opportunity to make baskets and score points.

<http://www.math-play.com/One-Step-Equation-Game.html>

### Algebra Basketball (Add & Subtract)

Make baskets to be given opportunities to answer questions about solving one step equations. Answer enough correctly and move to the next level.

<http://www.math-play.com/math-basketball-one-step-equations/math-basketball-one-step-equations.html>

## Basketball

Answer questions about the Properties of Math and get a chance to shoot baskets.

<http://www.math-play.com/math-basketball-properties-of-multiplication/math-basketball-properties-of-multiplication.html>

## Algebra Who Wants to be a Millionaire

Practice identifying algebraic expressions by playing Who Wants to be a Millionaire. (Single player or multi player option)

<http://www.math-play.com/Algebraic-Expressions-Millionaire/algebraic-expressions-millionaire.html>

## Algebra Jeopardy

Practice writing algebraic expressions, simplifying algebraic expressions, solving one step and two step equations. (Jeopardy game is single player or multiplayer.)

<http://www.math-play.com/7th-Grade-Algebra-Jeopardy/7th-Grade-Algebra-Jeopardy.html>

## Integers - Mystery Picture

Solve to see the picture.

<http://www.dositey.com/addsub/Mystery11.htm>

## Integers - Connect Four

Select the Integer Options.

[http://www.shodor.org/interactivate/activities/ArithmeticFour/?version=1.6.0\\_03&browser=MSIE&vendor=Sun\\_Microsystems\\_Inc.](http://www.shodor.org/interactivate/activities/ArithmeticFour/?version=1.6.0_03&browser=MSIE&vendor=Sun_Microsystems_Inc.)

## Line Gem

If you are learning how to graph lines for the first time, try this fun tutorial and game.

<http://funbasedlearning.com/algebra/graphing/default.htm>

## Plotting Points 1

Students will be given a coordinate pair and asked to locate it in the first quadrant.

<http://www.oswego.org/ocsd-web/games/BillyBug/bugcoord.html>

## Plotting Points 2

Students will be given a coordinate pair and asked to locate it on the four-quadrant grid.

<http://www.oswego.org/ocsd-web/games/BillyBug2/bug2.html>

### Plotting Points - Catch the Fly

Catch the fly by plotting the point he lands on.

[http://hotmath.com/hotmath\\_help/games/ctf/ctf\\_hotmath.swf](http://hotmath.com/hotmath_help/games/ctf/ctf_hotmath.swf)

### Plotting Points - Coordinate Jeopardy

Practice plotting points, locating points, and identifying quadrants by playing jeopardy. Single player or multi player option.

<http://www.math-play.com/Coordinate-Plane-Jeopardy/Coordinate-Plane-Jeopardy.html>

### Plotting Points - Locating Coordinates on a Grid (Space boy)

Drag the space boy to the proper coordinate pair.

<http://www.mathplayground.com/spaceboyrescue.html>

### Plotting Points - Graph Mole

Plot points with Graph Mole

[Easy version of Graph Mole](#) - If you are learning how to plot points for the first time, try this fun and easy tutorial and game.

[Medium version of Graph Mole](#) - If you are reviewing how to plot points, play this game.

[Hard version of Graph Mole](#) - Once you have mastered plotting points, try this random question arcade style game.

<http://funbasedlearning.com/algebra/graphing/default.htm>

### Plotting Points- Graphing Gala

Collect coins by clicking the correct coordinates on each graph. Spend coins on party supplies and go to the gala to watch an interactive animated party scene. Each level gets more difficult. How much money can you raise?

<http://www.hoodamath.com/games/graphinggala.html>

## PROBABILITY:

### Permutations - Who Wants to be a Millionaire

In this [permutation game](#) you have only ten seconds to answer each question. If you answer correctly, you will earn a point; but each mistake will cost you a point.

<http://www.math-play.com/Permutations/permutations%20millionaire.html>

## Parrot Probability

Answer a variety of probability questions

<http://www.math-play.com/Probability-Game.html>

## Independent and Dependent Events BrainPop

Watch this Independent and Dependent Events video by entering the username: rmsnj and password: rmspopooo.

Then complete the Pop Quiz - You should select the Review Quiz.

<http://www.brainpop.com/math/probability/independentanddependentevents/>

## Compound Events BrainPop

Watch this Compound Events video by entering the username: rmsnj and password: rmspopooo.

Then complete the Pop Quiz - You should select the Review Quiz.

<http://www.brainpop.com/math/probability/compoundevents/>

## Basic Probability BrainPop

Watch this Probability video by entering the username: rmsnj and password: rmspopooo.

Then complete the Pop Quiz - You should select the Review Quiz.

<http://www.brainpop.com/math/probability/basicprobability/>

## Permutations

Students answer questions about permutations

<http://www.ixl.com/math/practice/grade-6-permutations>

## Dependent and Independent Events

Students answer questions about dependent and independent events

<http://www.ixl.com/math/practice/grade-6-probability-mix-of-dependent-and-independent-events>

## Compound Events

Students answer questions about compound events.

<http://www.ixl.com/math/practice/grade-6-compound-events-find-the-number-of-outcomes-by-counting>

## Opposite, Mutually Exclusive, and Overlapping Events

Students answer questions about mutually exclusive events.

<http://www.ixl.com/math/practice/grade-6-probability-of-opposite-mutually-exclusive-and-overlapping-events>

## Probabilities of Compound Events

Students answer questions about basic compound events

<http://www.ixl.com/math/practice/grade-5-probabilities-of-compound-events>

## Combinations

Students make basic combinations

<http://www.ixl.com/math/practice/grade-5-combinations>

## Make Predictions

Students make basic predictions

<http://www.ixl.com/math/practice/grade-5-make-predictions>

## Calculate Probability

Students will calculate basic probability

<http://www.ixl.com/math/practice/grade-5-calculate-probability>

# PROPERTIES OF MATH:

Watch the following videos which can be found below while filling out the worksheet provided to you:

1. So what?
2. Math Mice
3. Charlie
4. See a teacher so they can review the following with you:
  - a. Zero Property
  - b. Identity Property of Addition
  - c. Identity Property of Multiplication

\*\*\*\*\*

## Associative Property Video

<http://education-portal.com/academy/lesson/the-associative-property-definition-and-examples.html#lesson>

Video for commutative property

<http://safeshare.tv/w/abnuomHEjh>

Math Mice Video for associative property

<http://zui.com/videos/math-mice-and-the-associative-properties>

Charlie Video for Distributive Property

<http://www.backpack.tv/video/basic-math/saddleback-college/lawrence-perez/properties-multiplication>

Below are some other videos you can watch which will review the different properties:

Property Of Zero

<http://education-portal.com/academy/lesson/the-multiplication-property-of-zero.html#lesson>

Brain Pop - Associative Video

Watch this Associative Property video by entering the username: rmsnj and password:rmspopooo.

Then complete the Pop Quiz - You should select the Review Quiz.

<http://www.brainpop.com/math/numbersandoperations/associativeproperty/>

Brain Pop - Commutative

Watch this Commutative Property video by entering the username: rmsnj and password:rmspopooo.

Then take the review quiz.

<http://www.brainpop.com/math/numbersandoperations/commutativeproperty/>

Brain Pop - Distributive Video

Watch this Distributive Property video by entering the username: rmsnj and password:rmspopooo.

Then complete the Pop Quiz - You should select the Review Quiz.

<http://www.brainpop.com/math/numbersandoperations/distributiveproperty/>

Math TV - Playlist

Includes videos on how to use commutative and associative properties for addition and multiplication.

<http://www.mathstv.com/index.php?playlist=12644>



Here are some games you can play related to the Properties of Math:

#### Basketball game

Are you good at basketball? Every time you make a basket, you get to answer a question about the Properties of Math.

<http://www.math-play.com/math-basketball-properties-of-multiplication/math-basketball-properties-of-multiplication.html>

#### IXL - Properties of Addition

Test your skills using the properties of addition.

<http://www.ixl.com/math/practice/grade-5-properties-of-addition>

#### IXL - Properties of Multiplication

Test your knowledge on the multiplication properties.

<http://www.ixl.com/math/practice/grade-5-properties-of-multiplication>

#### Multiplication Properties

There are four properties involving multiplication that will help make problems easier to solve. They are the commutative, associative, multiplicative identity and distributive properties. Match the expressions with the correct properties.

<http://www.aaamath.com/mul74bx2.htm>

#### QUIA - Columns

Match the expression in one column to the property in the other column.

[http://www.quia.com/cm/99245.html?AP\\_rand=423337461](http://www.quia.com/cm/99245.html?AP_rand=423337461)

#### QUIA - Matchup

In this activity you will do one of two things. You will either match the addition and multiplication properties with the definitions or examples of the properties, or you will match equivalent expressions that demonstrate the distributive property.

In this activity, the / symbol is used to signify a fraction.

<http://www.quia.com/mc/1627547.html>

#### Scatter Game

Drag corresponding items onto each other to make them disappear

<http://quizlet.com/763838/scatter/>

# RATIOS AND PROPORTIONS:

## Ratio Alien Invasion

Play the game. Answer ratio questions to move on to the next level.

<http://www.mathplayground.com/ScaleFactorX2/GameLoader.html>

## Ratio Questions

Answer ratio and proportion questions

<http://www.bbc.co.uk/skillswise/numbers/wholenumbers/ratioandproportion/ratio/game.shtml>

## Quia-Solving Proportions

Answer proportion type questions to win money!

<http://www.quia.com/rr/35675.html>

## Dirt Bike Ratio Racing

Complete the proportion and win the race!

<http://www.arcademicskillbuilders.com/games/dirt-bike-proportions/dirt-bike-proportions.html>

# WHOLE NUMBERS:

## Addition - Batter's Up

Batter's Up Baseball is a math game that is played like real Baseball. Your goal is to beat the visitors score and win the baseball game.

<http://www.prongo.com/math/addition.html>

## Addition - Circle 99

The goal of this puzzle is to put three numbers inside of each circle so that they add up to 99. Solve the puzzle by dragging the black numbers to the blank spaces. You cannot move the blue numbers. When the three numbers inside any circle add up to 99, the circle changes color.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_269\\_g\\_3\\_t\\_1.html?open=instructions](http://nlvm.usu.edu/en/nav/frames_asid_269_g_3_t_1.html?open=instructions)

## Addition - Circle 21

The goal of this puzzle is to put three numbers inside of each circle so that they add up to 21. Solve the puzzle by dragging the black numbers to the blank spaces. You cannot move the blue numbers. When the three numbers inside any circle add up to 21, the circle changes color.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_188\\_g\\_3\\_t\\_1.html?open=instructions](http://nlvm.usu.edu/en/nav/frames_asid_188_g_3_t_1.html?open=instructions)

## Addition - Concentration

Concentration is a game which tests your math skills and your memory. When you start a new game you will see a two boards. The board on the left contains a set of problems and the board on the right contains a set of solutions. Select a square on the left and press Enter. Select a square on the right and press Enter. If the solution to the problem on the left is equal to the problem on the right then you have a match. The object of the game is to match all problems on the left with their solutions on the right. Once you match all the pairs, you win!!!

[http://www.aplusmath.com/Games/Concentration/Addition\\_Concentration.html](http://www.aplusmath.com/Games/Concentration/Addition_Concentration.html)

## Addition - Hidden Picture

Uncover the hidden pictures!

<http://www.aplusmath.com/games/picture/AddPicture.html>

## Addition - Matho

Matho is simply BINGO combined with math problems. Your gameboard is a Matho board with numbers on it. A problem to solve appears below the gameboard in yellow. Solve the problem and look for the answer on your gameboard. If you find your answer, select it and hit Enter. If you do not find your answer, click on Enter and you will be given a new problem. When you answer correctly, a marker will color your square. You have Matho when you get 5 colored squares in a row.

<http://www.aplusmath.com/games/matho/AddMatho.html>

## Division - MATHO

Matho is simply BINGO combined with math problems. Your gameboard is a Matho board with numbers on it. A problem to solve appears below the gameboard in yellow. Solve the problem and look for the answer on your gameboard. If you find your answer, select it and hit Enter. If you do not find your answer, click on Enter and you will be given a new problem. When you answer correctly, a marker will color your square. You have Matho when you get 5 colored squares in a row.

<http://www.aplusmath.com/games/matho/DivMatho.html>

## Division - Multichamp

Multiply and Divide as fast as possible to earn a spot in the top 100!

<http://www.onlineklas.nl/multichamp/multichamp.html>

## Division - Who Wants to be a Millionaire

Practice whole number division with/without remainders by playing Who Wants to be a Millionaire. (Single player or multi player option)

<http://www.math-play.com/Division-Millionaire/division-millionaire.html>

## Multiplication - Basketball

Timed Game: Answer ten questions and you receive 3 seconds for each correct answer and lose 5 seconds for each incorrect answer. You then have time to compete and try to make as many baskets as you can. One player game: Answer a question correctly, get a chance to shoot a basket.

<http://www.math-play.com/one-digit-by-two-digit-multiplication-game.html>

## Multiplication - Batter's Up

Batter's Up Baseball is a math game that is played like real Baseball. Your goal is to beat the visitors score and win the baseball game.

<http://www.prongo.com/math/multiplication.html>

## Multiplication - Bonk the Moles

Practice your multiplication facts.

<http://multiplication.com/flashgames/Moles.htm>

## Multiplication - Castle Quests

Practice your multiplication facts.

<http://multiplication.com/flashgames/CastleQuests.htm>

## Multiplication - Concentration

Concentration is a game which tests your math skills and your memory. When you start a new game you will see a two boards. The board on the left contains a set of problems and the board on the right contains a set of solutions. Select a square on the left and press Enter. Select a square on the right and press Enter. If the solution to the problem on the left is equal to the problem on the right then you have a match. The object of the game is to match all problems on the left with their solutions on the right. Once you match all the pairs, you win!!!

[http://www.aplusmath.com/Games/Concentration/Multiplication\\_Concentration.html](http://www.aplusmath.com/Games/Concentration/Multiplication_Concentration.html)

## Multiplication - Farm Stand

Once the game has started you will see a number of how many eggs and how many apples to be purchased. Your job as a shopper is to figure out the total amount for the apples and eggs combined.

<http://www.kidsplaypark.com/games/farm/>

## Multiplication - Hidden Picture

Uncover the hidden pictures!

<http://www.aplusmath.com/games/picture/MultiPicture.html>

## Multiplication - Jeopardy

Practice whole number multiplication by playing Jeopardy (multi player game or single player game)

<http://www.math-play.com/Multiplication-Jeopardy/Multiplication-Jeopardy.html>

### Multiplication - Jungle Jim

Practice your multiplication facts.

<http://multiplication.com/flashgames/JungleJim.htm>

### Multiplication - Lemonade Larry

Practice your multiplication facts.

<http://www.prongo.com/lemon/game.html>

### Multiplication - Lunchtime Lagoon

Practice your multiplication facts.

<http://multiplication.com/flashgames/Lunch.htm>

### Multiplication - MATHO

Matho is simply BINGO combined with math problems. Your gameboard is a Matho board with numbers on it. A problem to solve appears below the gameboard in yellow. Solve the problem and look for the answer on your gameboard. If you find your answer, select it and hit Enter. If you do not find your answer, click on Enter and you will be given a new problem. When you answer correctly, a marker will color your square. You have Matho when you get 5 colored squares in a row.

<http://www.aplusmath.com/games/matho/MultMatho.html>

### Multiplication - Multichamp

Multiply as fast as possible to earn a spot in the top 100!

<http://www.onlineklas.nl/multichamp/multichamp.html>

### Multiplication - Speed Grid Challenge

Practice your multiplication facts.

<http://www.oswego.org/ocsd-web/games/SpeedGrid/Multiplication/urikamultires.html>

### Multiplication - Sum Sense

Practice your multiplication facts.

<http://www.oswego.org/ocsd-web/games/SumSense/summulti.html>

### Subtraction - Diffy

Solve an interesting puzzle involving the differences of given numbers.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_326\\_g\\_3\\_t\\_1.html](http://nlvm.usu.edu/en/nav/frames_asid_326_g_3_t_1.html)

# YOU CAN LEARN ANYTHING

You Can Learn Anything

<http://safeshare.tv/w/NCadsoJPHA>

## STORY JUMPER

NWEA Story-What Does My Score Mean?

<http://www.storyjumper.com/book/index/11073522/What-does-my-NWEA-Score-Mean->

<http://www.storyjumper.com/book/index/11073522/What-does-my-NWEA-Score-Mean->

## PREZI FUN

September's Getting Started Info

[http://prezi.com/meagcx6gy81s/?utm\\_campaign=share&utm\\_medium=copy&rc=exoshare](http://prezi.com/meagcx6gy81s/?utm_campaign=share&utm_medium=copy&rc=exoshare)

Math Fundamentals

This Prezi gives a brief explanation of what our class is all about. It should answer some questions that you have.

[http://prezi.com/ww8btfbvs6cg/?utm\\_campaign=share&utm\\_medium=copy&rc=exoshare](http://prezi.com/ww8btfbvs6cg/?utm_campaign=share&utm_medium=copy&rc=exoshare)

Common Core Prezi

This link will provide you with a brief overview of the expectations of the Common Core for Grades 4-8.

[http://prezi.com/tzs3yxzx8ccd/present/?auth\\_key=q7vhtgg&follow=dlo9f8cjsnw8](http://prezi.com/tzs3yxzx8ccd/present/?auth_key=q7vhtgg&follow=dlo9f8cjsnw8)

## GOANIMATE

Math Fundamentals

What is this class all about?

[http://goanimate.com/videos/OCQanzrfX2vo?utm\\_source=linkshare](http://goanimate.com/videos/OCQanzrfX2vo?utm_source=linkshare)

## TAGXEDO

Grade 6 » Ratios & Proportional Relationships

Understand ratio concepts and use ratio reasoning to solve problems.

<http://www.tagxedo.com/artful/49b5c59bf069450b>

## Grade 6 » The Number System

Apply and extend previous understandings of multiplication and division to divide fractions by fractions. Compute fluently with multi-digit numbers and find common factors and multiples. Apply and extend previous understandings of numbers to the system of rational numbers.

<http://www.tagxedo.com/artful/a8b9ofc3fdd8415d>

## Grade 6 » Expressions & Equations

Apply and extend previous understandings of arithmetic to algebraic expressions. Reason about and solve one-variable equations and inequalities. Represent and analyze quantitative relationships between dependent and independent variables.

<http://www.tagxedo.com/artful/aa55a3bac2104b34>

## Grade 6 » Geometry

Solve real-world and mathematical problems involving area, surface area, and volume.

<http://www.tagxedo.com/artful/7e59c318404c411f>

## Grade 6 » Statistics & Probability

Develop understanding of statistical variability. Summarize and describe distributions.

<http://www.tagxedo.com/artful/aod0013bc5014d3f>

## Grade 7 » Ratios & Proportional Relationships

Analyze proportional relationships and use them to solve real-world and mathematical problems.

<http://www.tagxedo.com/artful/22239eed08b640b7>

## Grade 7 » The Number System

Apply and extend previous understandings of operations with fractions.

<http://www.tagxedo.com/artful/1be514f0579a4100>

## Grade 7 » Expressions & Equations

Use properties of operations to generate equivalent expressions. Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

<http://www.tagxedo.com/artful/822942d368584416>

## Grade 7 » Geometry

Draw construct, and describe geometrical figures and describe the relationships between them. Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

<http://www.tagxedo.com/artful/387462ae53774986>

## Grade 7 » Statistics & Probability

Use random sampling to draw inferences about a population. Draw informal comparative inferences about two populations. Investigate chance processes and develop, use, and evaluate probability models.

<http://www.tagxedo.com/artful/4335d9d283f64cf2>

## Grade 8 » The Number System

Know that there are numbers that are not rational, and approximate them by rational numbers.

<http://www.tagxedo.com/artful/7c94d6b258224807>

## Grade 8 » Expressions & Equations

Expressions and Equations Work with radicals and integer exponents. Understand the connections between proportional relationships, lines, and linear equations. Analyze and solve linear equations and pairs of simultaneous linear equations.

<http://www.tagxedo.com/artful/ecdee7fd8d10456b>

## Grade 8 » Functions

Define, evaluate, and compare functions. Use functions to model relationships between quantities.

<http://www.tagxedo.com/artful/290691a439d64732>

## Grade 8 » Geometry

Understand congruence and similarity using physical models, transparencies, or geometry software. Understand and apply the Pythagorean Theorem. Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.

<http://www.tagxedo.com/artful/12f2ce8aa7bb4667>

## Grade 8 » Statistics & Probability

Investigate patterns of association in bivariate data.

<http://www.tagxedo.com/artful/86cdffd8dfb345b3>

## Welcome Letter Tagxedo

Below is a link for a tagxedo of our class welcome letter. Enjoy!

<http://www.tagxedo.com/artful/81f5a9564f074fda>

## Technology Tagxedo

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[Apple Tech Tagxedo.pdf](#), 212.65 KB (Last Modified on July 29, 2013)

# DC LIVE BINDER



DC Math Activities

Use the link to the DC livebinders site.

The access key is RMSvikings.

Enjoy the learning!

[http://www.livebinders.com/play/play\\_shared\\_binder/390083](http://www.livebinders.com/play/play_shared_binder/390083)

Click here for the section on [the changing of the guard](#).

## WHEEL OF FORTUNE

Play Wheel of Fortune here

<http://www.memory-improvement-tips.com/play-wheel-of-fortune-online.html>

## FRACTION MINI LESSON

Dividing Fractions Video

Ever wonder how to divide fractions, simply click here for a great video that will teach you how...

<http://safeshare.tv/w/XniovHefNt>

Another Dividing Fractions Video

<http://websites.pdesas.org/kristenward/2012/8/20/377214/page.aspx>

Dividing Fractions Game

Shoot baskets and answer fraction division problems!

<http://www.math-play.com/math-basketball-dividing-fractions-game/math-basketball-dividing-fractions-game.html>

Multiplying Fractions Game

Click here to compete against classmates and others in this Multiplying Fractions Game.

<http://www.arcademicskillbuilders.com/games/snow-sprint/snow-sprint.html>

# INTEGER MINI LESSON

## Video-Addition & Subtraction

Watch this cool video on the addition and subtraction of integers.

<http://safeshare.tv/w/fScUGDkKiD>

## Addition-Spider Match

Challenge yourself to find two numbers whose sum is the target number. Race against your friends and select the numbers before they select them first!

[http://www.mathplayground.com/ASB\\_SpiderMatchIntegers.html](http://www.mathplayground.com/ASB_SpiderMatchIntegers.html)

## Addition-Orbit Integers

Race against your friends or other students to add integers and win the race!

[http://www.mathplayground.com/ASB\\_OrbitIntegers.html](http://www.mathplayground.com/ASB_OrbitIntegers.html)

## Subtraction-Fruit Shoot

Start by selecting your challenge level and selecting your comfort mode and speed. Click on the correct answer to the problem given.

[https://www.sheppardsoftware.com/mathgames/integers/FS\\_Integer\\_subtraction.htm](https://www.sheppardsoftware.com/mathgames/integers/FS_Integer_subtraction.htm)

## Addition & Subtraction-Walk the Plank

Choose your pirate and answer these very challenging addition and subtraction problems.

<http://www.math-play.com/integers-game.html>

# PLOTTING POINTS MINI LESSON

## Plotting Points Video

Watch this video about plotting points in a coordinate plane.

<http://safeshare.tv/w/IBQNOjNSDm>

## Plotting Points Game

Play this fun game and learn how to plot points on the grid. Select the normal level or challenge yourself with the advanced level.

<http://www.mathnook.com/math/bombs-on-the-grid.html>

# RATIOS AND PROPORTIONS MINI LESSON

## Ratios Video

Click here to watch a funny video on ratios and comparing ratios.

<http://safeshare.tv/w/IrJUADleak>

## Ratio Blaster (one player)

Use your spaceship to "blast" equivalent ratios.

[http://www.mathplayground.com/ASB\\_RatioBlaster.html](http://www.mathplayground.com/ASB_RatioBlaster.html)

## Ratio Stadium (multiplayer)

Play against three other players in this intense game of identifying equivalent ratios.

<http://www.arcademics.com/games/ratio-stadium/ratio-stadium.html>

## Unit Rates Video

Watch this video for a funny way to learn rates and unit rates.

<http://safeshare.tv/w/MsfnnDTxZn>

## Unit Rates 2 Player Game

Play this two player game with a classmate and test your knowledge of unit rates.

<http://www.quia.com/cb/195515.html>

## Ratio Rumble

Select your character, and find equivalent ratios. Start at level one, and work your way up through the levels. To gain more points, select equivalent ratios, using more bottles of potion and gain more points that way.

<http://mathsnacks.com/ratiorumble.php>

## Dirt Bike Proportions

In this game you are asked to solve proportions. Play this game against three other classmates, or students from other schools.

<http://www.arcademicskillbuilders.com/games/dirt-bike-proportions/dirt-bike-proportions.html>

# LUMOS LEARNING

## 8th Grade

Your user name and password is your last name,if that does not work then try your first initial last name for both. We logged in as class so we know you all can do it!

<http://LumosLearning.com/a/lpeterseng8math>

## 7th Grade

Your user name and password is your last name,if that does not work then try your first initial last name for both. We logged in as class so we know you all can do it!

<http://LumosLearning.com/a/amyersg7math>

## 6th Grade

Your user name and password is your last name,if that does not work then try your first initial last name for both. We logged in as class so we know you all can do it!

<http://LumosLearning.com/a/kblackstoneg6math>

# FORMS PARENTS

# FORMS STUDENTS

# FORMS PARENTS AND STUDENTS