

Math 6 Unit 2

Topic	Website
REVIEW TOPICS	
Divisibility Rules	http://www.mathgoodies.com/lessons/vol3/divisibility.html
Prime and Composite Numbers	http://www.mathsisfun.com/prime-composite-number.html
Factoring Numbers Lesson	http://www.purplemath.com/modules/factnumb.htm
Prime Factorization Practice	http://www.nlvm.usu.edu/en/NAV/frames_asid_202_g_2_t_1.html?from=category_g_2_t_1.html
Prime Factorization Practice	http://www.mathgoodies.com/factors/prime_factors.html
Least Common Multiple	http://www.mathsisfun.com/least-common-multiple.html
Greatest Common Factor	http://www.mathsisfun.com/greatest-common-factor.html
DECIMALS	
Naming, Ordering, Comparing, Rounding Decimals	
Cool Math Read and Say Decimals Lesson	http://www.coolmath.com/prealgebra/02-decimals/02-decimals-reading-02.htm
Cool Math Expanded Notation for Decimals Lesson	http://www.coolmath.com/prealgebra/02-decimals/03-decimals-expanded-notation-02.htm
Math Frog Ordering Decimal Numbers	http://cemc2.math.uwaterloo.ca/mathfrog/english/kidz/orderdecimal6.shtml
Math Frog Naming Decimal Numbers	http://cemc2.math.uwaterloo.ca/mathfrog/english/kidz/namingdecimals6.shtml
Decimal Switch Ordering Game	http://www.interactivestuff.org/sums4fun/switch.html
Builder Ted Decimal Ordering	http://www.bbc.co.uk/education/mathsfile/shockwave/games/laddergame.html
Place Value Station Comparing Decimals to the Thousandths	http://www.decimalsquares.com/dsGames/games/placevalue.html
Triple A Math Finding Decimal Place Value	http://www.aaamath.com/B/g51c_px1.htm
Decimal Place Value Quiz	http://www.thatquiz.org/tq/practice.html?placevalue
Place Value Pirates	http://www.mrnussbaum.com/placevaluepirates.htm
Place Value Rounding Game	http://www.funbrain.com/cgi-bin/tens.cgi?A1=s&A2=6
Decimal Addition	
Slider Math Addition	http://www.slidermath.com/wjava/DecAddv3.shtml
Addition with One Decimal Digit	http://www.kidport.com/Grade5/Math/NumberSense/G5-M-NS-Add1Dec.htm
Addition with Two Decimal Digits	http://www.kidport.com/Grade5/Math/NumberSense/G5-M-NS-Add2Dec.htm
Addition with Three Decimal Digits	http://www.kidport.com/Grade7/Math/NumberSense/G7-M-NS-Add3Dec.htm
Online Decimal Addition Worksheets	http://www.aplusmath.com/Worksheets/OnlineDecimalAddition.html
Decimal Subtraction	
Subtraction with One Decimal Digit	http://www.kidport.com/Grade6/Math/NumberSense/G6-M-NS-Sub1Dec.htm
Cool Math Decimal Subtraction and Crunch Game	http://www.coolmath.com/prealgebra/02-decimals/decimals-cruncher-subtraction.htm
Subtraction with Three Decimal Digits	http://www.kidport.com/Grade7/Math/NumberSense/G7-M-NS-Sub3Dec.htm
Online Decimal Subtraction Worksheets	http://www.aplusmath.com/Worksheets/OnlineDecimalSubtraction.html
Decimal Multiplication	
Cool Math Decimal Multiplication and Crunch Game	http://www.coolmath.com/prealgebra/02-decimals/decimals-cruncher-multiplication.htm
Online Decimal Multiplication Worksheets	http://www.aplusmath.com/Worksheets/OnlineDecimalMultiplication.html
Math Frog Decimultiplication	http://cemc2.math.uwaterloo.ca/mathfrog/english/kidz/decMulti6.shtml
Multiplication of One Digit Whole Number time Decimal Number	http://www.kidport.com/Grade8/Math/NumberSense/G8-M-NS-Mult1Dec.htm
Multiplication of Numbers with Two Decimal Digits	http://www.kidport.com/Grade8/Math/NumberSense/G8-M-NS-Mult2Dec.htm
Decimal Division	
Power Football Multiplication and	http://www.funbrain.com/cgi-

Division with Decimals Game	bin/getskill.cgi?A1=choices&A2=fb&A3=7&A4=0&A7=1&A8=math
Online Decimal Division Worksheets	http://www.aplusmath.com/Worksheets/OnlineDecimalDivision.html
Decimal Division	http://www.mrmaisonet.com/Menu_Pages/images/dividing%20decimals.htm
Decimal Division by a Whole Number	http://www.coolmath.com/prealgebra/02-decimals/09-decimals-dividing-by-whole-number-01.htm
Decimal Division by a Decimal	http://www.coolmath.com/prealgebra/02-decimals/10-decimals-dividing-by-decimal-01.htm
Fractions↔Decimals	
Converting Fractions to Decimals	http://www.coolmath.com/prealgebra/02-decimals/index.html
Converting Decimals to Fractions	http://www.coolmath.com/prealgebra/02-decimals/05-decimals-converting-decimal-to-fraction-01.htm
Miscellaneous Decimals	
Tour de Math	http://www.sln.org/pieces/silverman/TourDeMath.html
Decimals Video Lesson	http://www.freemathhelp.com/Lessons/PreAlgebra_Operations_with_Decimals_BB.htm
Eight Decimal Squares Interactive Games	http://www.decimalsquares.com/dsGames/
QUIA Decimal + Whole Number Jeopardy	http://www.quia.com/cb/8142.html
MEASUREMENT	
A Dictionary of Units of Measurement	http://www.unc.edu/~rowlett/units/
Triple a Math Measurement Topics	http://www.aaamath.com/B/mea.htm#topic50
Error in Measurement	http://www.regentsprep.org/Regents/math/ALGEBRA/AM3/LError.htm
Precision vs. Accuracy Ask Dr. Math	http://mathforum.org/library/drmath/view/61947.html
Greatest Possible Error	http://www.articlesphere.com/Article/Greatest-Possible-Error/183134
METRIC SYSTEM and CONVERSIONS	
Funbrain Measure to 1cm	http://www.funbrain.com/measure/index.html
BBC Metric Length Conversion	http://www.bbc.co.uk/skillswise/numbers/measuring/lwc/game.shtml
Metric Pyramid	http://lamar.colostate.edu/~hillger/puzzles/
Metric Conversion Chart	http://metricconversioncharts.org/
Metric Measurement Matching	http://www.harcourtschool.com/activity/con_math/g05c14.html
Math Frog Metric Conversion Game	http://cemc2.math.uwaterloo.ca/mathfrog/english/kidz/metric6E.shtml
Math Cats Convert Numbers*	http://www.mathcats.com/explore/convert.html
CUSTOMARY MEASURES and CONVERSIONS	
Funbrain Measure 1/4"	http://www.funbrain.com/measure/index.html
Mr. Meyers' Classroom Measure to 1/8"	http://www.mrmyers.org/Math_Mania/Math_Quizzes/Rulers/eighthsruler1.html
Ruler Game to 1/16"	http://www.globalclassroom.org/rulergame200/index.html
Standard Measurement Matching	http://www.harcourtschool.com/activity/con_math/g04c24.html
FRACTIONS	
Fraction Introduction	http://www.mathsisfun.com/fractions.html
Fractions Video Lesson	http://www.freemathhelp.com/Lessons/PreAlgebra_Operations_with_Fractions_BB.htm
Fractions and Decimals Quiz	http://www.thatquiz.org/tq/practice.html?fraction
Webb's Fraction Page	http://www.kidsolr.com/math/fractions.html
Naming, Ordering, Comparing, Equivalent Fractions	
Equivalent Fraction Manipulatives	http://www.mathplayground.com/Fraction_bars.html
Dolphin Racing Comparing Fractions	http://www.bbc.co.uk/skillswise/numbers/fractiondecimalpercentage/fractions/comparingfractions/dolphin9.swf
Tug Team Comparing Fractions Game	http://www.arcademicskillbuilders.com/games/dirt-bike-comparing-fractions/dirt-bike-comparing-fractions.html
Fresh Baked Fractions Equivalence Game	http://www.funbrain.com/cgi-bin/fob.cgi
Online Reducing Fractions Worksheets	http://www.aplusmath.com/Worksheets/OnlineFractions.html
Fractions and Decimals Quiz	http://www.thatquiz.org/tq/practice.html?fraction

Webb's Fraction Page	http://www.kidsolr.com/math/fractions.html
Convert Mixed Numbers to Improper Fractions	http://www.mathplayground.com/fractions_mixed.html
Convert Improper Fractions to Mixed Numbers	http://www.mathplayground.com/fractions_improper.html
Adding and Subtracting Fractions	
Fraction Four Addition	http://www.shodor.org/interactivate/activities/FractionFour/
Online Fraction Addition Worksheets	http://www.aplusmath.com/Worksheets/OnlineFractions.html
Free Math Help Adding Fractions Lesson	http://www.freemathhelp.com/fractions-addition.html
Brain Pop Adding + Subtracting Fractions Movie and Game	http://www.glencoe.com/sec/math/brainpops/00112033/00112033.html
Multiplying and Dividing Fractions	
Free Math Help Multiplying Fractions Lesson	http://www.freemathhelp.com/fractions-multiplication.html
Lanius Multiplying Fractions	http://math.rice.edu/~lanius/fractions/frac5.html
Online Fraction Multiplication Worksheet	http://www.aplusmath.com/Worksheets/OnlineFractions.html
Visual Fractions Multiplying Mixed Numbers and Fractions	http://visualfractions.com/MultiplyCircle.html
Visual Fractions Dividing Fractions and Mixed Numbers	http://www.visualfractions.com/divide.htm
Fraction Bar Fraction Division Game	http://nlvm.usu.edu/en/nav/frames_asid_265_g_2_t_1.html
Glencoe Multiplying + Dividing with Fractions Practice Quiz	http://www.glencoe.com/sec/math/studytools/cgi-bin/msgQuiz.php4?isbn=1-57039-850-X&chapter=3&lesson=2
Brain Pop Multiplying and Dividing Fractions Movie and Game	http://www.glencoe.com/sec/math/brainpops/00112038/00112038.html
Dividing Fractions	http://www.visualfractions.com/DivideEasy.html
Multiplying and Dividing Fractions using Integer Bars (Cuisenaire Models)*	http://www.arcytech.org/java/integers/fractions4.html
PERCENTS	
Funbrain Percent of a Number Game	http://www.funbrain.com/cgi-bin/pw.cgi
Glencoe Percents and Wholes Chapter Quiz	http://www.glencoe.com/sec/math/studytools/cgi-bin/msgQuiz.php4?isbn=1-57039-850-X&chapter=4&lesson=3
Glencoe Percent of a Quantity Quiz	http://www.glencoe.com/sec/math/studytools/cgi-bin/msgQuiz.php4?isbn=1-57039-850-X&chapter=4&lesson=2
Triple A Math Determining Percentage	http://www.aaamath.com/pct61bx1.htm
Mrs. Glosser Writing Fractions as Percents	http://www.mathgoodies.com/lessons/vol4/fractions_to_percents.html
Part Whole Percent Calculator	http://nlvm.usu.edu/en/nav/frames_asid_160_g_2_t_1.html?open=activities
Glencoe Quiz Estimating with Percents	http://www.glencoe.com/sec/math/studytools/cgi-bin/msgQuiz.php4?isbn=0-02-833050-1&chapter=8&lesson=6
CONVERTING BETWEEN DECIMALS, FRACTIONS, and PERCENTS	
Mission Magnetite (% , Fraction, Picture)	http://pbskids.org/cyberchase/games/percent/percent.html
Mrs. Glosser Fraction, Decimal, Percent Conversion	http://www.mathgoodies.com/lessons/vol4/challenge_vol4.html
Triple A Math Converting a Percent to a Fraction	http://www.aaamath.com/pct61dx2.htm
Triple A Math Converting a Fraction to a Percent	http://www.aaamath.com/pct61cx1.htm
Target Practice Converting Fractions to Decimals	http://www.toonuniversity.com/flash.asp?err=198&engine=
Quizville Game Placing Percents, Decimals and Fractions on numberline	http://www.quizville.com/numberLineValue(FDP).php

INTEGERS	
NRICH First Connect Three	http://nrich.maths.org/5865
NRICH Connect Three Game	http://nrich.maths.org/5864
Mrs. Glosser's Addition of Integers	http://www.mathgoodies.com/lessons/vol5/addition.html
Integer Chips Addition	http://nlvm.usu.edu/en/nav/frames_asid_161_g_2_t_1.html
Mrs. Glosser's Subtraction of Integers	http://www.mathgoodies.com/lessons/vol5/subtraction.html
Subtracting Integers*	http://nlvm.usu.edu/en/nav/frames_asid_162_g_3_t_1.html
Integer Chips Subtraction	http://nlvm.usu.edu/en/nav/frames_asid_162_g_2_t_1.html
Spy Guys Understanding Integers	http://new.learnalberta.ca/content/mesg/html/math6web/lessonLauncher.html?lesson=m6lessonshell03.swf
Arithmetic Math Game	http://themathtgames.com/our-games/arithmetic-games/number-balls1/league_-1/country_-1/countryNumber_-1
Choose the Operation	http://www.homeschoolmath.net/choose-op/choose-two-operations.php?p1=-46&p2=195&p3=292&p4=441&counterr=2&counterw=0&step=2&mi=-50&ma=500&ops=4&op1=1&op2=1
Amby's Exercises with Signed Numbers	http://amby.com/educate/math/integ_x1.html
Space Coupe to the Rescue	http://pbskids.org/cyberchase/games/negativenumbers/negativenumbers.html
Mrs. Glosser's Integer Quiz	http://www.mathgoodies.com/lessons/vol5/challenge_vol5.html
Integers Video Lesson	http://www.freemathhelp.com/Lessons/PreAlgebra_Integers_BB.htm
TAXES, TIPS + DOWNPAYMENTS	
Triple A Math Tips	http://www.aaamath.com/pct68x10.htm
Triple A Math Price Discounts	http://www.aaamath.com/pct68_x3.htm
ABSOLUTE VALUE	
Learning Wave Lesson	http://www.learningwave.com/chapters/integers/numline.html
KidsKnowit Absolute Value Lesson and Quiz	http://www.kidsknowit.com/interactive-educational-movies/free-online-movies.php?movie=Absolute%20Values
Integer, Absolute Value and Operations with Integers Game	http://quia.com/rr/41496.html
Absolute Value Number Balls Game	http://www.sheppardsoftware.com/mathgames/Numberballs_absolute_value/numberballsAS2_abs.htm
Triple A Math Absolute Value Game	http://www.aaamath.com/nam-g65_abx1.htm
RATIOS, RATES AND PROPORTIONS	
NRICH Ratio Pairs 3	http://nrich.maths.org/4821
Triple A Math Ratio Practice	http://www.321know.com/g62a_rx1.htm#section2
Algebra.help Proportion Practice	http://www.algebrahelp.com/worksheets/view/proportionbasics.quiz
Ratio, Proportions and Percent Video Lesson	http://www.freemathhelp.com/Lessons/PreAlgebra_Ratios_Proportions_and_Percent_BB.htm
Ratios and Proportions Lesson	http://www.freemathhelp.com/Lessons/Algebra_1_Ratios_Proportions_BB.htm
Silverstein's One Inch Tall Poem*	http://www.poemhunter.com/poem/one-inch-tall/
Golden Ratios	http://goldennumber.net/index.htm
Fibonacci Series	http://goldennumber.net/fibonser.htm
Dr. Ron Knott's Fibonacci Page	http://www.maths.surrey.ac.uk/hosted-sites/R.Knott/Fibonacci/fibBio.html
Figure This Gasoline Challenge*	http://www.figurethis.org/challenges/c24/challenge.htm
Figure This Grape Juice Challenge*	http://www.figurethis.org/challenges/c25/challenge.htm
SCALE, SCALE FACTORS	
Ratio and Scale	http://www.absorblearning.com/mathematics/demo/units/KCA024.html#Introduction
Spy Guys Ratio Lesson	http://new.learnalberta.ca/content/mesg/html/math6web/lessonLauncher.html?lesson=m6lessonshell03.swf
Draw Floor Plan of Classroom to scale	http://www.math-kitecture.com/what.htm
Explanation of Scale Drawings	http://www.cis.yale.edu/ynhti/curriculum/units/1984/1/84.01.04.x.html#c
Fraction Scale Puzzle	http://pbskids.org/cyberchase/games/sizeandscale/sizeandscale.html
OPERATIONS WITH ZERO	
Division by Zero Ask Dr. Math	http://mathforum.org/dr.math/faq/faq.divideby0.html

Multiplying by Zero Ask Dr. Math	http://mathforum.org/library/drmath/view/63122.html
Why Are Operations with Zero So Strange	http://mathforum.org/library/drmath/view/55764.html
ADDITIONAL REVIEW TOPICS	
PLACE VALUE	
Quia Place Value Millionaire	http://www.quia.com/rr/32598.html
Toon University Place Value Game	http://www.toonuniversity.com/flash.asp?err=503&engine=15
Place Value Pirates	http://www.mrnussbaum.com/placevaluepirates1.htm
ADDITION OF WHOLE NUMBERS WITH REGROUPING	
Addition with 3 Digit Numbers	http://www.kidport.com/Grade5/Math/NumberSense/G5-M-NS-Add500.htm
Addition with 6 Digit Numbers	http://www.kidport.com/Grade5/Math/NumberSense/G5-M-NS-Add6Digits.htm
Online Addition Worksheets	http://www.aplusmath.com/Worksheets/OnlineAddition.html
SUBTRACTION OF WHOLE NUMBERS WITH REGROUPING	
Subtraction of 6 Digit Numbers	http://www.kidport.com/Grade5/Math/NumberSense/G5-M-NS-Sub6Digits.htm
Online Subtraction Worksheets	http://www.aplusmath.com/Worksheets/OnlineSubtraction.html
MULTIPLICATION	
Multiplication of 2 Digit Numbers to 100	http://www.kidport.com/Grade5/Math/NumberSense/G5-M-NS-Mult100.htm
Quia Multiplication Choose 1-, 2- or 3 digit	http://www.quia.com/mathjourney.cgi
Interactive Lattice Multiplication	http://www.cut-the-knot.org/Curriculum/Arithmetic/LatticeMultiplication.shtml
Cool Math Lattice Multiplication Lesson	http://www.coolmath4kids.com/times-tables/times-tables-lesson-lattice-multiplication-1.html
Online Multiplication Worksheets	http://www.aplusmath.com/Worksheets/OnlineMultiplication.html
Slider Math Multiplication Game	http://www.slidermath.com/wjava/Multv3.shtml
DIVISION	
Quia Division Choose 1-, 2- or 3-digit	http://www.quia.com/mathjourney.cgi
Online Division Worksheets	http://www.aplusmath.com/Worksheets/OnlineDivision.html
Slider Math Division Game	http://www.slidermath.com/wjava/LgDiv1.shtml