Sixth Grade Tutorials:

Long Division with Whole Numbers

With Sound:

* [http://studyjams.scholastic.com/studyjams/jams/math(multiplication-division/double-digit-division.htm](http://studyjams.scholastic.com/studyjams/jams/math%28multiplication-division/double-digit-division.htm) (Divisibility Rules Rap)
* <http://studyjams.scholastic.com/studyjams/jams/math/multiplication-division/double-digit-division.htm> (double digit division)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=16086/16086.xml> (multi-digit division)
* [https://hrw.com/math06\_07/nsmedia/lesson\_videos/msm1/player.html?contentsSrc=16087/1608.xml](https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=16086/16086.xml) (division word problems)

Without Sound:

* [www.aaamath.com/div55\_x2.htm](http://www.aaamath.com/div55_x2.htm)

Decimals

Addition of Decimals

With Sound:

* <https://learnzillion.com/lessons/3034-add-decimals>

Without Sound:

* [www.aaamath.com/dec-add\_2deci.htm](http://www.aaamath.com/dec-add_2deci.htm) (addition to the hundredths place)
* [www.aaamath.com/dec-add\_3deci.htm](http://www.aaamath.com/dec-add_3deci.htm) (addition to the thousandths place)
* [www.aaamath.com/dec45ax2.htm](http://www.aaamath.com/dec45ax2.htm) (addition with money)

Subtraction of Decimals

With Sound:

* <https://learnzillion.com/lessons/3071-subtract-decimals>

Without Sound:

* [www.aaamath.com/dec312x2.htm](http://www.aaamath.com/dec312x2.htm) (subtraction with tenths)
* [www.aaamath.com/dec-sub\_2deci.htm](http://www.aaamath.com/dec-sub_2deci.htm) (subtraction with hundredths)
* [www.aaamath.com/dec45bx2.htm](http://www.aaamath.com/dec45bx2.htm) (subtraction with money)
* studyjams.scholastic.com/studyjams/jams.math/decimals-percents/making-change.htm (subtraction with money)

Addition and Subtraction of Decimals

With Sound:

* [https://hrw.com/math06\_07/nsmedia/lesson\_videos/msm1/player.html?contentsSrc=6004/6004.xml](https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=16087/1608.xml)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6948/6948.xml> (using mental math to add and subtract decimals)

Without Sound:

* <http://studyjams.scholastic.com/studyjams/jams/math/decimals-percents/add-sub-decimals.htm>

Multiplication of Decimals

With Sound:

* <https://learnzillion.com/lessons/3003-multiply-decimals>
* [www.mastermath.info/index.php?option=com\_content&view=article&id=40%3Amultiplying-decimals-&catid=4%3A62&Itemid=25](http://www.mastermath.info/index.php?option=com_content&view=article&id=40%3Amultiplying-decimals-&catid=4%3A62&Itemid=25)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6006/6006.xml> (multiplication of decimals by whole numbers and decimals)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6593/6593.xml> (multiplication of decimals by whole numbers and decimals)

Without Sound:

* [www.aamath.com/dec54ax2.htm](http://www.aamath.com/dec54ax2.htm) (multiplication of thousandths by tenths)
* [www.aaamath.com/dec54bx2.htm](http://www.aaamath.com/dec54bx2.htm) (multiplication of thousandths by hundredths)
* [www.aaamath.com/dec54cx2.htm](http://www.aaamath.com/dec54cx2.htm) (multiplication of thousandths by thousandths)
* <http://studyjams.scholastic.com/studyjams/jams/math/decimals-percents/mult-of-decimals.htm>

Division of Decimals

With Sound:

* <https://learnzillion.com/lessons/3065-divide-decimals>
* [www.mastermath.info/index.php?option=com\_content&view=article&id41%3Adividing-decimals-&catid=4%3A61&Itemid=25](http://www.mastermath.info/index.php?option=com_content&view=article&id41%3Adividing-decimals-&catid=4%3A61&Itemid=25)
* <http://studyjams.scholastic.com/studyjams/jams/math/decimals-percents/division-of-decimals.htm> (division of decimals by whole numbers)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6007/6007.xml> (division of decimals by whole numbers)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6955/6955.xml> (division of decimals by whole numbers)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6956/6956.xml> (word problems with division of decimals by whole numbers)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6008/6008.xml> (division of decimals and whole numbers by decimals)

Without Sound:

* [www.aaamath.com/dec56ax2.htm](http://www.aaamath.com/dec56ax2.htm) (division of decimals by whole numbers)
* [www.coolmath.com/prealgebra/02-decimals/09-decimals-dividing-by-whole-numbers-01.htm](http://www.coolmath.com/prealgebra/02-decimals/09-decimals-dividing-by-whole-numbers-01.htm) (division of decimals by whole numbers)
* [www.aaamath.com/dec56bx2.htm](http://www.aaamath.com/dec56bx2.htm) (division of decimals by decimals)
* [www.aaa.com/dec66qx2.htm](http://www.aaa.com/dec66qx2.htm) (division of decimals by decimals I)
* [www.aaa.com/dec66fx2.htm](http://www.aaa.com/dec66fx2.htm) (division of decimals by decimals II)

Multiples/Least Common Multiple (LCM)

With Sound:

* <https://learnzillion.com/lessons/2500-find-lcm-of-two-numbers-by-listing-the-multiples-of-each>
* <http://studyjams.scholastic.com/studyjams/jams/math/multiplication-division/multiples/htm> (Multiplication and Division of Multiples)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6013/6013.xml> (LCM)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6963/6963.xml> (LCM using multiples)

Without Sound:

* <http://studyjams.scholastic.com/studyjams/jams/math/fractions/least-common-multiple.htm> (LCM)
* [www.learnalberta.ca/content/mesg/html/math6web/index.html?page=lesson&lesson=m6lessonhe1107.swt](http://www.learnalberta.ca/content/mesg/html/math6web/index.html?page=lesson&lesson=m6lessonhe1107.swt) (LCM)

Factors/Greatest Common Factor (GCF)

With Sound:

* <https://learnzillion.com/lessons/2499-find-gcf-by-listing-factors-pairs>
* <http://studyjams.scholastic.com/studyjams/jams/math/multiplication-division/prime-factorization.htm> (prime factorization)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6012/6012.xml> (prime factorization of composite numbers)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6962/6962.xml> (prime factorization of composite numbers)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6013/6013.xml> (GCF)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6963/6963.xml> (word problems with GCF)

Without Sound:

* <http://studyjams.scholastic.com/studyjams/jams/math/fractions/greatest-common-factor.htm> (GCF)

Properties of Addition and Multiplication

With Sound:

* <https://learnzillion.com/lessons/3341-combine-like-terms-using-commutative-and-associative-properties>
* [http://studyjams.scholastic.com/studyjams/jams/math/addition-subtraction/prop=of=addition.htm](http://studyjams.scholastic.com/studyjams/jams/math/addition-subtraction/prop%3Dof%3Daddition.htm) (Associative, Communicative and Identity Properties of Addition Rap)
* <http://studyjams.scholastic.com/studyjams/jams/math/multiplication-division/distrib-property.htm> (Distributive Property)
* <https://learnzillion.com/lessons/3276-apply-distributive-property-by-using-a-visual-model>
* [www.mastermath.info/index.php?option=com\_content&view=article&id=11%3Aproperties-of-addition-and-multiplication-&catid=3%3A61](http://www.mastermath.info/index.php?option=com_content&view=article&id=11%3Aproperties-of-addition-and-multiplication-&catid=3%3A61)...
* [www.mastermath.info/index.php?option=com\_content&view=article&id=12%3Adistributive-property-&catid=3%A61&Itemid=25](http://www.mastermath.info/index.php?option=com_content&view=article&id=12%3Adistributive-property-&catid=3%A61&Itemid=25)

Fractions

Comparing Fractions and Mixed Numbers

Without Sound:

* <http://studyjams/scholastic.com/studyjams/jams/math/index.htm/fractions/fractions-mixed-numbers.htm>

Equivalent Fractions

Without Sound:

* <http://studyjams/scholastic.com/studyjams/jams/math/index.htm/fractions/equiv-fractions.htm>

Fractions in Simplest Form

Without Sound:

* <http://studyjams/scholastic.com/studyjams/jams/math/index.htm/fractions/simplest-form.htm>

Comparing and Ordering Fractions and Decimals

With Sound:

* [www.mastermath.info/index.php?option=com\_content&view=article&id=43%3Acompare-and-order-fractions-decimals-and-percents-&cati](http://www.mastermath.info/index.php?option=com_content&view=article&id=43%3Acompare-and-order-fractions-decimals-and-percents-&cati)...

Without Sound:

* <http://studyjams/scholastic.com/studyjams/jams/math/index.htm/fractions/order-fractions-decimals.htm>

Finding a Fraction of a Set

Without Sound:

* <http://studyjams/scholastic.com/studyjams/jams/math/index.htm/fractions/finding-a-fraction.htm>

Fraction and Decimal Equivalents

Without Sound:

* <http://studyjams/scholastic.com/studyjams/jams/math/index.htm/fractions/decimal-fraction-equivalents.htm>
* [www.mastermath.info/index.php?option=com\_content&view=article&id=17%3A619-fraction-decimal-equivalency-&catid=3%3A61&Itemid](http://www.mastermath.info/index.php?option=com_content&view=article&id=17%3A619-fraction-decimal-equivalency-&catid=3%3A61&Itemid) ...

Addition and Subtraction of Fractions with Unlike Denominators

With Sound:

* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6021/6021.xml>
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6975/6975.xml>

Without Sound:

* <http://studyjams/scholastic.com/studyjams/jams/math/index.htm/fractions/add-sub-unlike-denom.htm>

Addition and Subtraction of Mixed Numbers

With Sound:

* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=8087/8087.xml> (regrouping mixed numbers to subtract)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6977/6977.xml> (regrouping mixed numbers to subtract word problems)

Without Sound:

* <http://studyjams/scholastic.com/studyjams/jams/math/index.htm/fractions/add-sub-mixed-numbers.htm>

Multiplication of Fractions

With Sound:

* [www.mastermath.info/index.php?option=com\_content&view=article&id=14%3Amultiplying-fractions-and-mixed-numbers-&catid=3%3A61](http://www.mastermath.info/index.php?option=com_content&view=article&id=14%3Amultiplying-fractions-and-mixed-numbers-&catid=3%3A61)...
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6027/6027.xml> (multiplying mixed numbers)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6982/6982.xml> (multiplying mixed numbers)

Division of Fractions

With Sound:

* <https://learnzillion.com/lessons/3584-interpret-quotient-of-a-fractional-division-problem>
* <https://learnzillion.com/lessons/3541-divide-a-whole-number-by-a-fraction> (dividing whole numbers by fractions)
* <https://learnzillion.com/lessons/3592-divide-a-fraction-by-a-whole-number> (dividing fractions by whole numbers)
* <https://learnzillion.com/lessons/3593-compute-quotients-of-fractions-in-real-world-problems>
* [www.mastermath.info/index.php?option=com\_content&view=article&id=15%3Adividing-fractions-and-mixed-numbers-&catid=3%3A61&It](http://www.mastermath.info/index.php?option=com_content&view=article&id=15%3Adividing-fractions-and-mixed-numbers-&catid=3%3A61&It)...
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6028/6028.xml> (division of fractions and mixed numbers)
* <https://hrw.com/math06_07/nsmedia/lesson_videos/msm1/player.html?contentsSrc=6983/6983.xml> (division of fractions and mixed numbers)