

Unit : Arithmetic in Base 10[Open Up Family Resource Link](#)

Lesson	Skill	Online Resources	Standard
1	Use decimals to make estimates and calculations about money.	http://virtualnerd.com/middle-math/decimals/estimating/decimal-sum-estimate-front-end-example	6.NS.B
3	Solve subtraction problems with decimals that require “unbundling” or “decomposing.” Determine if writing or removing a zero in a decimal will change its value.	https://www.youtube.com/watch?v=Rc6QNS--ewg https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-sub-decimals/v/strategies-for-subtracting-more-complex-decimals-with-tenths https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-sub-decimals/e/subtracting_decimals_0.5	6.NS.B.3
4	Solve problems that involve addition and subtraction of decimals.	https://www.ixl.com/math/grade-6/add-and-subtract-decimal-numbers	6.NS.B.3
5	Use place value and fractions to reason about multiplication of decimals.	https://www.youtube.com/watch?v=MTAgsVg5rO0 https://www.youtube.com/watch?v=7fSg5DvJzZM https://www.youtube.com/watch?v=eumYIAen4F4	6.EE.A, 6.NS.B
6	Use area diagrams to represent and reason about multiplication of decimals.	https://learnzillion.com/lesson_plans/6683-use-an-area-model-to-multiply-decimals-by-decimals/ https://www.youtube.com/watch?v=ddhJIZdXRGU https://learnzillion.com/lesson_plans/8113-multiplying-decimals-using-an-area-model/ https://www.ixl.com/math/grade-6/multiply-decimals	6.NS.B
7	Use area diagrams and partial products to represent and find products of decimals.	https://www.showme.com/sh/?h=eG20sbl https://www.youtube.com/watch?v=Ot5_6N5m00w https://www.ixl.com/math/grade-6/multiply-decimals	6.NS.B.3

8	<p>Use a product of whole numbers to find a product of decimals.</p> <p>Apply a method for multiplying decimals.</p>	<p>https://www.khanacademy.org/math/algebra-basics/basic-alg-foundations/alg-basics-operations-with-decimals/v/multiplying-decimals</p> <p>https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-multiplying-decimals/v/more-intuition-on-multiplying-decimals</p> <p>https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-multiplying-decimals/e/multiplying_decimals_0.5</p>	6.NS.B.3
9	<p>Use the partial quotients method to find a quotient of two whole numbers when the quotient is a whole number.</p>	<p>https://www.khanacademy.org/math/in-fifth-grade-math/ways-multiply-divide/strategies-multiplication-division/v/partial-quotient-division</p> <p>https://www.ixl.com/math/grade-6/divide-whole-numbers-2-digit-divisors</p>	6.NS.B.2
10	<p>Use long division to find a quotient of two whole numbers when the quotient is a whole number.</p>	<p>https://www.youtube.com/watch?v=HdU_rf7eMTI</p> <p>https://www.khanacademy.org/math/arithmetic-home/multiply-divide/mult-digit-div-2/v/division-2</p> <p>https://www.ixl.com/math/grade-6/divide-whole-numbers-2-digit-divisors</p>	6.NS.B.2
11	<p>Use long division to find the quotient of two whole numbers when the quotient is not a whole number.</p>	<p>https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-dividing-decimals/v/dividing-completely-to-get-decimal-answer</p> <p>https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-dividing-decimals/e/dividing_decimals_0.5</p>	6.NS.B.2
12	<p>Divide a decimal by a whole number.</p>	<p>https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-arithmetic-operations/cc-6th-dividing-decimals/v/dividing-a-decimal-by-a-whole-number</p> <p>https://www.youtube.com/watch?v=bosixfBHikg</p> <p>https://www.youtube.com/watch?v=EU_A348Uo_A</p> <p>https://www.ixl.com/math/grade-6/divide-decimals-by-whole-numbers</p>	6.NS.B.3
13	<p>Find the quotient of two decimals using powers of 10.</p>	<p>https://www.youtube.com/watch?v=mA6Gy4inUKM</p> <p>http://virtualnerd.com/middle-math/decimals/dividing/divide-decimals-example</p> <p>https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-dividing-decimals/v/dividing-decimals</p> <p>https://www.khanacademy.org/math/arithmetic/arith-decimals/arith-review-dividing-</p>	6.EE.A.4, 6.NS.B.3

		decimals/e/dividing_decimals	
14	Use addition, subtraction, multiplication, and division on decimals to solve problems.	https://ca.ixl.com/math/grade-6/add-subtract-multiply-or-divide-two-decimals https://ca.ixl.com/math/grade-6/add-subtract-multiply-or-divide-two-decimals-word-problems https://ca.ixl.com/math/grade-6/evaluate-numerical-expressions-involving-decimals	6.NS.B.3