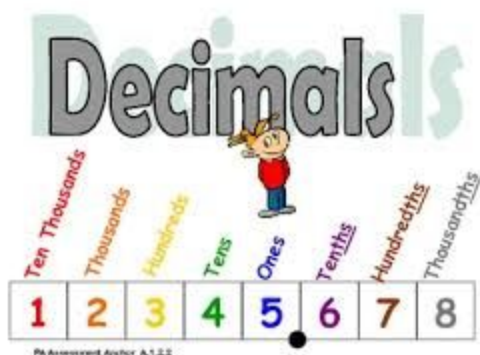# 5th Grade
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IMPORTANT CONCEPTS YOUR STUDENT SHOULD KNOW AND ACTIVITIES TO DO AT HOME
Add, subtract, multiply and divide decimals ---Operations with Decimals Unit

Important Concepts Addressed in this Unit	Examples
MGSE5.NBT.7 Add, subtract, multiply, and divide decimals to hundredths, using concrete models, drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used. **Questions for Students** Can I add and subtract decimals using the algorithm? Can I model multiplying decimals? Can I multiply decimals using the algorithm? Can I model dividing decimals? Can I divide decimals using the algorithm?	This standard requires students to extend the models and strategies they developed for whole numbers in grades 1-4 to decimal values. Before students are asked to give exact answers, they should estimate answers based on their understanding of operations and the value of the numbers. Examples: • 3½+1.7 A student might estimate the sum to be larger than 5 because 3.6 is more than 3½ and 1.7 is more than 1½. • 5.4 − 0.8 A student might estimate the answer to be a little more than 4.4 because a number less than 1 is being subtracted. • 62.4 A student might estimate an answer between 12 and 18 since 6 2 is 12 and 6 3 is 18. Another student might give an estimate of a little less than 15 because s/he figures the answer to be very close, but smaller than 6 2½ and think of 2½ groups of 6 as 12 (2 groups of 6) + 3(½ of a group of 6).

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Key Vocabulary Words	How You Can Help Your Student
-decimal -annex -difference -model -product -quotient -decimal point -tenths -thousandths -hundredths -sum	**Interactive Learning Games:** Playing games is a wonderful way to practice skills at home in a fun environment. https://www.mrnussbaum.com/placevaluepirates http://studyjams.scholastic.com/studyjams/jams/math/decimals-percents/mult-of-decimals.htm http://studyjams.scholastic.com/studyjams/jams/math/decimals-percents/division-of-decimals.htm http://www.math-play.com/decimal-math-games.html **https://www.iknowit.com/lessons/e-multiplying-decimals.html** **Study and understand vocabulary words** **Review math journal** and key points Practice skills by reviewing journal, homework assignments, class assignments and use websites. Google Math Classroom has many types of games that your child can show you.

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Sample Problems