

6th grade Summer Learning Activities

Please reach out if you need the Google Classroom code:

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Week #1- Decimal Place Value, Rounding, Add/Subtracting Decimals

Exercise Name:	Video Resources:
Place Value Names	Place Value With Decimals
Decimals in Written Form	Decimals in Written form (hundredths) Decimals in Written form (thousandths)
Compare Decimals Through the Thousandths	Compare Decimals
Rounding Decimals Using a Number Line	Rounding Decimal Using a Number Line
Rounding Decimals Word Problems	Rounding Decimal Word Problems

Week #2- Computation with Decimals

Exercise Name:	Video Resources:
Add Decimals like $5.63 + 6.1$	Adding Decimals with Ones, Tenths and Hundredths
Subtract Decimals like $15 - 7.45$	Subtracting Decimals: $10.1 - 3.93$ Subtracting Decimals: $9.57 - 8.09$
Multiply Decimals 1 & 2 digit factors	Developing Strategies for Multiplying 2-digit decimals
Divide Whole Numbers to get a Decimal	Division Strategies for Decimals Quotients
Divide Whole Numbers by Decimal	Divide Whole Numbers by Decimal Examples

Week #3- Add, Subtract & Multiply Fractions & Mixed Numbers

Exercise Name:	Video Resources:
Common Denominators	Finding Common Denominators
Add & Subtract Fractions Quiz 2	Adding & Subtracting 3 Fractions Solving for the Missing Fraction
Multiply Fractions by Whole Numbers	Multiplying Fractions and Whole Numbers
Multiplying Fractions	Multiplying 2 Fractions: $\frac{5}{6} \times \frac{2}{3}$
Multiply Mixed Numbers	Multiplying Mixed Numbers

Week #4- Multiply & Divide Fractions and Mixed Numbers

Exercise Name:	Video Resources:
Area of Rectangles with Fractional Side Lengths	Finding Area with Fractional Side Lengths 1
Fractions as Division	Understanding Fractions as Division
Fractions as Division Word Problems	Creating Mixed Numbers with Fraction Division
Dividing Unit Fractions by Whole Number	Dividing a Unit Fraction by a Whole Number
Dividing Whole Numbers by Unit Fractions Visually	Visually Dividing Whole Numbers by Unit Fractions

Week #5- Powers of 10

Exercise Name:	Video Resources:
Multiply and Divide Whole Numbers by 10, 100 and 1000	Multiplying and dividing by 10, 100, and 1000
Multiply and divide decimals by 10	Multiply and divide decimals by 10
Multiply and divide decimals by 10, 100 and 1000	Multiply and divide decimals by 10, 100, and 1000
Powers of 10	Introduction to Powers of 10
Compare Decimal Place Value	Compare decimal place value