

Grade 9

Distance Learning Module : Place Value, Reading and Writing Whole Numbers, Rounding Numbers, Order of Operations, Commutative Property

Introduction to Week of: March 30, 2020 - April 3, 2020

Mathematics: [Integrated Algebra and Geometry](#)

Targeted Goals from Stage 1: Desired Results

Content Knowledge: Place value of numbers, reading and writing of whole numbers. Rounding numbers and decimals

Vocabulary: One hundred thousand, Ten thousand, thousand, hundred, ten, one, tenth, hundredth, thousandth, Commutative Property

Skills: Learning place values of numbers.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Place Value, Reading and Writing Whole Numbers	Finding place value (video) Place value Writing a number in standard form (video) Writing numbers in words and standard form (video) Understanding place value (video)	Place values in decimal numbers 4th grade math IXL
Tuesday: Rounding Numbers	Rounding whole numbers to nearest ten (video) Rounding Whole Numbers Nearest 100 Rounding Whole Numbers Nearest 1000	Rounding Questions Khan Academy Round decimals 6th grade math IXL
Wednesday: GEMS (PEMDAS)	Intro to order of operations (video) Order of operations example (video) Pemdas Khan	Perform multiple operations with whole numbers 3rd grade math IXL Order of operations 6th grade (practice) Khan

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Thursday: GEMS (PEMDAS)	<u>Order of operations (2-step expressions) (video)</u>	<u>2-step expressions 3rd grade (practice)</u> Khan
Friday: Commutative Property	<u>Order Doesn't Matter Khan Academy</u> <u>Properties and patterns for multiplication (video)</u> <u>Commutative law of addition (video)</u> <u>Commutative law of multiplication (video)</u>	<u>Commutative property of multiplication Arithmetic (practice)</u> Khan

Week criteria for success (attach student checklists or rubrics):

By the end of this module, students will be able to:

- Apply knowledge of place value.
- Round numbers to the thousandths place.
- Use the Commutative Property appropriately.
- Apply Order of Operation to solve problems.

Supportive resources and tutorials for the week (plans for re-teaching): Khan Academy, Kuta Software worksheets, Order of Operations - Made Easy! office hours