

	Date	Test Score	Proficiency	Counting?													
<i>Pretest (Unit Test I)</i>																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">LESSON PRACTICE</td> <td style="width: 10%; text-align: center;">TEACH BACK</td> <td style="width: 10%; text-align: center;">SYSTEMATIC REVIEW</td> <td style="width: 10%; text-align: center;">A&E</td> </tr> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">B</td> <td style="text-align: center;">C</td> <td style="text-align: center;">D</td> </tr> <tr> <td style="text-align: center;">E</td> <td style="text-align: center;">F</td> <td></td> <td></td> </tr> </table>			LESSON PRACTICE	TEACH BACK	SYSTEMATIC REVIEW	A&E	A	B	C	D	E	F			Lesson Test	Test Date
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A	B	C	D														
E	F																
1 Exponents																	
2 Place Value																	
3 Decimal, Expanded, Exponential Notation																	
4 Add Decimals																	
5 Subtract Decimals																	
6 Metric: Greek Prefix																	
7 Metric: Latin Prefix																	
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LESSON OBJECTIVES
Lesson 1 Exponents

- ZE.1.a Model exponents with the same base raised to a power of two using manipulative blocks
- ZE.1.b Evaluate exponents with the same base using blocks
- ZE.1.c Name numbers in exponential form in at least three different ways
- ZE.1.d Apply appropriate strategies to solve word problems

Lesson 2 Place Value

- ZE.2.a Use models to show place value in expanded notation
- ZE.2.b Write numbers in expanded notation
- ZE.2.c Express numbers in exponential notation
- ZE.2.d Evaluate exponents with a base of ten

Lesson 3 Decimal, Expanded, Exponential Notation

- ZE.3.a Write decimals in expanded notation
- ZE.3.b Rewrite decimal numbers in decimal notation
- ZE.3.c Determine whether to multiply or divide by ten when “moving” a decimal point to increase or decrease its value
- ZE.3.d Explain why money is a practical application for the use of decimal values

Lesson 4 Add Decimals

- ZE.4.a Use models to add decimal values
- ZE.4.b Apply regrouping principles to compute decimal addition problems accurately
- ZE.4.c Apply knowledge of adding decimals to solve word problems

Lesson 5 Subtract Decimals

- ZE.5.a Use models to subtract decimal values
- ZE.5.b Apply regrouping principles to compute decimal subtraction problems accurately
- ZE.5.c Apply knowledge of subtracting decimals to solve word problems

Lesson 6 Metric: Greek Prefix

- ZE.6.a Name metric prefixes that describe large quantities
- ZE.6.b Identify corresponding value for metric prefixes
- ZE.6.c Express metric measurement relationships for large quantities as ratios
- ZE.6.d Determine the best metric measure for a given object or situation
- ZE.6.e Convert given values between metric units that describe large quantities

Lesson 7 Metric: Latin Prefix

- ZE.7.a Name metric prefixes that describe small quantities
- ZE.7.b Identify corresponding values for metric prefixes
- ZE.7.c Express metric measurement relationships for small quantities as ratios
- ZE.7.d Determine the best metric measure for a given object or situation
- ZE.7.e Estimate using metric units of measure
- ZE.7.f Solve multi-step word problems using metric measurement

Lesson 8 Metric: Conversion 1

- ZE.8.a Convert large metric units to smaller metric units
- ZE.8.b Convert large metric units to smaller metric units using the “shortcut” (adding zeros)
- ZE.8.c Determine which metric unit corresponds most closely with U.S. customary units
- ZE.8.d Apply knowledge of the metric system to solve multi-step problems



Lesson 16 Area, Circumference of a Circle

- ZE.16.a Substitute the approximation of π (3.14) into formulas to calculate values for a circle
- ZE.16.b Apply the formulas πr and $2\pi r$ to calculate the circumference of a circle
- ZE.16.c Compute the area of a circle using the formula πr^2

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<i>Pretest (Unit Test III)</i>																					
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18 Divide a Whole Number by Decimal																					
19 Solve for Unknown 1																					
20 Divide a Decimal by a Decimal																					
21 Decimal Remainders																					
22 Solve for Unknown 2																					
23 Transform Any Fraction																					
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LESSON OBJECTIVES
Lesson 17 Divide a Decimal by a Whole Number

- ZE.17.a Divide a decimal by a whole number
- ZE.17.b Identify where to place the decimal point in the quotient
- ZE.17.c Explain the procedure for dividing a decimal by a whole number
- ZE.17.d Use multiplication to check the accuracy of the answer for a division problem

Lesson 18 Divide a Whole Number by a Decimal

- ZE.18.a Divide whole numbers by a decimal value
- ZE.18.b Adjust decimal points by multiplying the divisor and dividend by the same power of 10
- ZE.18.c Use estimation to determine the reasonableness of a quotient
- ZE.18.d Apply knowledge of dividing decimal numbers to solve word problems

Lesson 19 Solve for Unknown 1

- ZE.19.a Divide to solve equations with decimal values
- ZE.19.b Use equations with decimal values to solve word problems

Lesson 20 Divide a Decimal by a Decimal

- ZE.20.a Divide a decimal by a decimal value

Lesson 21 Decimal Remainders

- ZE.21.a Divide a decimal by a whole number by adding zeros to yield a quotient without a remainder
- ZE.21.b Express a quotient by rounding to a given place value when numbers do not divide evenly
- ZE.21.c Write a remainder as a decimal
- ZE.21.d Divide until a pattern is determined and write the answer with a vinculum over the repeating digits
- ZE.21.e Express a remainder as a fraction

Lesson 22 Solve for Unknown 2

- ZE.22.a Solve for an unknown in an equation
- ZE.22.b Substitute the solution for the variable in the original equation to verify the answer

Lesson 23 Transform Any Fraction

- ZE.23.a Convert fractions to decimals
- ZE.23.b Convert fractions to decimals and percentages to solve problems

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	A	B	C		D	E	F			
24 Decimals as Rational Numbers										
25 Mean, Median, Mode										
26 Probability										
27 Points, Lines, Rays, Line Segments										
28 Planes and Symbols										
29 Angles										
30 Types of Angles										
	LESSON PRACTICE			TEACH BACK	SYSTEMATIC REVIEW			A&E	Lesson Test	Test Date
	A	B	C		D	E	F			
<i>Posttest (Unit Test IV)</i>										

LESSON OBJECTIVES
Lesson 24 Decimals as Rational Numbers

- ZE.24.a Write a terminating decimal as a fraction in simplest form
- ZE.24.b Use knowledge of decimals and fractions to solve problems

Lesson 25 Mean, Median, Mode

- ZE.25.a Calculate the mean for a set of data
- ZE.25.b Find the median for a set of data
- ZE.25.c Determine the mode for a set of data
- ZE.25.d Analyze a given set of data using mean, median, and mode

Lesson 26 Probability

- ZE.26.a Determine the probability of how likely something is to happen or to be true in a given scenario
- ZE.26.b Record the probability in ratio form in lowest terms for a given scenario

Lesson 27 Points, Lines, Rays, Line Segments

- ZE.27.a Define the geometric terms point, line, ray, and line segment
- ZE.27.b Draw representations for the geometric terms point, line, ray, and line segment
- ZE.27.c Represent a point, line, ray, and line segment using geometric symbols
- ZE.27.d Identify the symbol for infinity
- ZE.27.e Define infinity
- ZE.27.f Explain the relationship of infinity to a point, line, ray, and line segment

Lesson 28 Planes and Symbols

- ZE.28.a Define zero-, one-, two-, and three-dimensional geometric shapes
- ZE.28.b Identify zero-, one-, two-, and three-dimensional geometric shapes
- ZE.28.c Define similar, equal, and congruent
- ZE.28.d Identify the symbols for similar, equal, and congruent

Lesson 29 Angles

- ZE.29.a Name the parts of an angle
- ZE.29.b Define angle and right angle
- ZE.29.c Use letters and symbols to name angles
- ZE.29.d Explain that angles are measured in degrees
- ZE.29.e Identify a box symbol as a representation of a 90-degree angle
- ZE.29.f State that a circle contains 360 degrees

Lesson 30 Types of Angles

- ZE.30.a Define acute, obtuse, and straight angles
- ZE.30.b Classify an angle as acute, obtuse, right, or straight
- ZE.30.c Determine if an angle is acute, obtuse, right, or straight, given a degree measurement