

					Test	Sc	ore	P	roficien	cy	Counting?		
Pretest (Unit Test I)													
	Ī		LESSON PRACTICE			TEACH		SYSTE	MATIC REVIEW		A 0 5	Lesson	Test
			Α	В	С	BACI	<	D	E	F	A&E	Test	Date
	1 Expor	nents											
	2 Place	Value											
	3 Decimentary Export	nal, Expanded, nential Notation											
	4 Add D	Decimals											
	5 Subtra	act Decimals											
	6 Metrio	: Greek Prefix											
	7 Metrio	:: Latin Prefix											
	8 Metrio	c: Conversion 1											
		I		Date		Test	Sc	ore	Р	roficien	cv	Count	ina?
	Posttesi	t (Unit Test I)											3
					LESSON		ст	IVES					
					LESSOI			IVES					
_	Lesson 1	Exponents	with the c	ama ha	co raised t	~		esson 5	Subtra	ct Decima	l <b>s</b>	dooimol volu	
	ZE.I.d	a power of two usi	ng manip	oulative	blocks			E.5.6 E.5.b	Apply r	rearouping	a princia	oles to comp	es ute
	ZE.1.b	Evaluate exponent	s with						decima	I subtract	ion prob	olems accura	tely
	7E1 c	the same base usin	ng blocks	S tial form			Z	E.5.c	Apply Apply	knowledge	e of sub	tracting deci	mals to
	22.1.0	in at least three di	fferent w	ays				-	30176 4				
	ZE.1.d	Apply appropriate	strategie	s		F		esson 6	Metric	Greek Pr	efix	at	
			nems			L		L.U.a	describ	pe large q	uantities	S	
	Lesson 2	Place Value		valuo in	ovpandod		] <b>Z</b>	E.6.b	Identify	/ correspo	onding v	value	
	ZL.Z.d	notation	w place	value III	expanded		] <b>Z</b>	E.6.c	Expres	s metric m	ieasure	ment relatior	iships
	ZE.2.b	Write numbers in e	expanded	l notatio	n				for larg	je quantiti	es as ra	atios	
	ZE.2.c	Express numbers i	n expone	ential no	tation		Z	E.6.d	Determ for a gi	nine the be	est metr	ric measure	
	ZE.2.d	Evaluate exponent	s with a	base of	ten		] <b>Z</b>	E.6.e	Conver	rt given va	lues be	etween metric	c units
	Lesson 3	Decimal, Expande	d, Expon	ential N	lotation				that de	scribe lar	ge quan	ntities	
	ZE.3.a	Write decimals in e	expanded	d notatio	on		Le	esson 7	Metric	: Latin Pre	fix		
	ZE.3.b	Rewrite decimal nu	umbers ir	n decima	al notation		Z	E.7.a	Nameı	metric pre	fixes the	at	
	ZE.3.C	when "moving" a c decrease its value	lecimal p	oint to i	ncrease or		] <b>Z</b>	E.7.b	describ Identify	e small q correspo	uantitie: onding v	s values	
	ZE.3.d	Explain why money for the use of deci	y is a pra mal value	ctical ap es	oplication	C	] <b>Z</b> I	E.7.c	for met Expres	ric prefixe s metric m	es neasure	ment relation	nships
	Lesson 4	Add Decimals				Г	] ZI	E.7.d	Determ	nine the be	es as ra est metr	ric measure	
	ZE.4.a	Use models to add	l decimal	values					for a gi	ven objec	t or situ	lation	
	ZE.4.b	Apply regrouping p decimal addition p	principles	s to com	ipute elv		] <b>Z</b>	E.7.e = 7 f	Estimat	te using m	etric ur	nits of measu	re
	ZE.4.c	Apply knowledge of to solve word prob	of adding	decima	als	L	. 21	/.1	using r	netric mea	isureme	ent	



## Record Keeping: Zeta

## 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
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ZE.8.d Apply knowledge of the metric system to solve multi-step problems



		Date				Test S	ico	ore	Р	oficien	су	Counting?			
	Pretest	(Unit Test II)													
	-		I FOO		OTIOE				CVCTC						
		l	LESS	ON PRA	CTICE		TEACH		SYSIE	MATICE	EVIEW	A&E	Lesson	Test	
			Α	В	С		BACK		D	Е	F		Test	Date	
9	9 Multij	oly <u>1</u> or 0.1													
1	<b>o</b> Multij	oly <u>1</u> 00 or 0.01													
1	l <b>1</b> Perce Numb	entage of a Der													
1	2 Perce	entages ≥ 100%						11							
1	3 Pie G	raphs						11							
1	<b>4</b> Multi	oly Decimals													
1	5 Metri	c: Conversion 2						┥┟							
1	6 Area	Circumference				_									
	of a C	Circle													
				Date			Test S	Sco	ore	P	roficien		Count	tina?	
	Posttest	(Unit Test II)								1		- ,			
			_	_											
					LESS	501	1 OBJEC	TI	VES						
<b>Lesson 9</b> Multiply $\frac{1}{10}$ or 0.1			oftenthe				Lesson 13			Pie Graphs					
ZE.9.a Model multiplication using blocks		ortentins				□ 2L.13.d			presentation of the whole and its parts						
	ZE.9.b	Multiply tenths using	place-va	ue notati	on			ZE	.13.b	Interpre	t data on a	pie grap	h		
□ ZE.9.c		Multiply tenths using	decimal	notation				ZE	.13.c	Find the	e percent o	f a numb	er given data		
	ZE.9.d	multiplying tenths to solve wo				rd 🗆	ZE	.13.d	Apply ki on a pie	ata					
	Lesson 10	Multiply $\frac{1}{100}$ or 0.0 <sup>4</sup>	1					ما	sson 14	Multiply Decimals					
	ZE.10.a ZE 10 b	Multiply hundredths	using dec using the	imal nota standard	tion	m		ZE	.14.a	Estimate	e factors to	verify th	e reasonabler	ness	
	□ ZE.10.b Multiply hundredths □ ZE.10.c Apply knowledge o		multiplyin	e			of an an	of an answer							
		word problems		-				ZE	.14.b	Multiply	decimal va	alues usir	ng decimal no	tation	
	Lesson 11	Percentage of a N	umber					ZE.	.14.0	decimal	multiplicat	ion probl	lem by countir	ng the	
	ZE.11.a	Model the relationshi	ip betwee	en fractior	ns, decin	nals	,			spaces	to the right	of the de	ecimal point		
	ZE.11.b	Explain that percent	means ou		□ ZE.14.d So of			Solve problems that involve multiplication of decimal values							
	ZE.11.c	Write a percentage a	is a decim	al				ما	sson 15	Metric	Conversi	ion 2			
	ZE.11.d	Write a percentage a	is a fractio	on				ZE	.15.a	Convert	small met	ric units t	0		
	ZE.11.e	Identify common dec	imals and	fractions	s as					larger m	netric units	by using	ratios		
	ZE.11.f	Change a percentage	- 0.23 – 2 e to a dec	:imal				ZE	.15.b	Use the place fo	shortcut m r each ster	ethod of when co	"moving" one onvertina met	e decimal ric units	
	ZE.11.g	Change a percentage	e to a frac	tion					sson 16	Aroa C	ircumfor	onco of	a Circlo		
	ZE.11.h	Use knowledge of pe to solve word proble	ercentage ms	S				ZE	.16.a	Substitu to calcu	ite the app late values	roximatio for a circ	n of π (3.14) in cle	ito formulas	
	Lesson 12	Percentages ≥ 100	)%					ZE	.16.b	Apply th	ne formulas	π <i>d</i> and i	2π <i>r</i> to calculat	te the	
	ZE.12.a	Change a whole num	nber to a p	percentag	je			75	16 c	circumfe	erence of a	circle	o using the fe	rmula <del>a</del> r <sup>2</sup>	
	ZE.12.b	Change a fraction to	a percent	tage				2 E		Comput			e using the IO	mula II/	
	ZE.12.C	Convert a mixed num	iber to a l	bercentag	Je										
	ZE.12.0	Solve problems by co	onvertina	amona a	uantities										

written as a fraction, decimal, and percentage



		Date			Test S	core	Proficiency			Counting?			
Pretest (Unit Test III)													
		LESSON PRACTICE		TICE	SYSTE		MATIC REVIEW			Losson	Test		
			Α	В	С	BACK	D	Е	F	A&E	Test	Date	
1	7 Divide a Who	e a Decimal by ble Number											
1	<b>8</b> Divide Numb	e a Whole er by Decimal											
1	9 Solve	for Unknown 1											
2	Divide a Dec	e a Decimal by imal											
2	1 Decim	nal Remainders											
2	2 Solve	for Unknown 2											
2	<b>3</b> Transf Fracti	form Any on											
		Date			Test S	icore	Proficiency			Counting?			
	Posttest (	(Unit Test III)						1					
		-			LESSON		TIVES	-					
	Losson 17 Divide a Decimal by a Whole Number						Lesson 20	Divide	a Decima	l by a D	ecimal		
	ZE.17.a	Divide a decimal b	y a whol	e number			ZE.20.a	Divide a decimal by a decimal value					
	ZE.17.b	Identify where to p in the quotient	blace the	decimal	point		Lesson 21	Decimal Remainders					
	ZE.17.c	Explain the procec	lure for a r	dividing a	decimal		ZE.21.a	Divide a decimal by a whole number by a zeros to yield a quotient without a remai				by adding mainder	
	ZE.17.d	Use multiplication answer for a divisi	e multiplication to check the accuracy of swer for a division problem				ZE.21.b	Express a quotient by rounding to a given place value when numbers do not divide evenly					
	Lesson 18	Divide a Whole Nu	umber by	y a Decim	al		ZE.21.c	Write a remainder as a decimal					
	ZE.18.a ZE.18.b	Divide whole numb Adjust decimal poi	Divide whole numbers by a decimal value Adjust decimal points by multiplying the				ZE.21.d	Divide and wri over th	Divide until a pattern is determined and write the answer with a vinculum over the repeating digits				
	ZE.18.c	Use estimation to	determir	e same po ie the	wer of to		ZE.21.e	Expres	s a remain	ider as a	a fraction		
		reasonableness of	a quotie	ent			Lesson 22	Solve f	or Unknow	wn 2			
	ZE.18.d	Apply knowledge	of dividir	ng decima	l numbers	; 	ZE.22.a	Solve f	or an unkr	nown in	an equation		
							ZE.22.b	Substit	ute the so	lution fo	or the variab	le in the	
	Lesson 19	Solve for Unknow	n 1 Nations :	with doci-				origina	i equation	το verif	y the answe	r	
	ZE.19.6	Use equations with	n decima	n values t	o solve		Lesson 23	Transfo	orm Any F	raction			
_		word problems					ZE.23.a	Conver	t fractions	to deci	mals		
							ZE.23.b	Conver to solve	t fractions e problem	s to deci s	mals and pe	rcentages	



				Test	Sc	ore	Pi	oficien	су	Counting?					
Pretest (Unit Test IV)															
				LESSON PRACTICE		TEACH		MATIC F	REVIEW		Lesson	Test			
			Α	В	С	BACK		D	E	F	AQL	Test	Date		
1	24 Decim Numb	als as Rational ers													
2	25 Mean,	Median, Mode													
2	26 Proba														
	27 Points, Lines, Rays, Line Segments														
-	28 Planes	s and Symbols													
-	9 Angle	s													
	O Types	of Angles													
	iypes	of Angles													
				Date		Test	Sc	ore	Proficiency			Counting?			
	Posttest (	Unit Test IV)													
					LESSO	N OBJE	ст	IVES							
	Lesson 24	24 Decimals as Rational Numbers						esson 28	Planes	and Sym	ıd Symbols				
	ZE.24.a	24.a Write a terminating decimal as a fraction in simplest form					□ ZE.28.a Define zero-, one-, two- geometric shapes						, and three-dimensional		
	□ ZE.24.b Use knowledge of to solve problems			f decimals and fractions				E.28.b	Identify zero-, one-, two-, and three-dimensional geometric shapes						
	Lesson 25	Mean, Median, Mo	ode				ZE	E.28.c	Define similar, equal, and congruent						
	ZE.25.a	Calculate the mea	n for a se	et of data	а		ZE	E.28.d	Identify the symbols for similar, equal, and congruent						
	ZE.25.b	Find the median fo	or a set c	of data											
	ZE.25.c	Determine the mo	de for a	set of da	ita	_	Le	esson 29	Angles						
	ZE.25.d	Analyze a given se	et of data		Zt	=.29.a	Name the parts of an angle								
		median, and mode						=.29.b	Define angle and right angle						
	Lesson 26	Probability			21	=.29.c	Use let	ters and s	symbols	to name ang	jies				
	ZE.26.a	Determine the pro something is to ha	bability o ppen or	of how lil to be tru	kely Je		ZE	=.29.d E.29.e	Explain that angles are measured in degrees Identify a box symbol as a representation						
	ZE.26.b	Record the probab	o oility in ra	atio form	in lowest		ZE	E.29.f	State th	nat a circl	e contai	ins 360 degrees			
		terms for a given s	scenario			Lesson 30			Types of Angles						
	Lesson 27	Points, Lines, Ray	s, Line S	egments	s		ZE	E.30.a	Define	acute, ob	tuse, an	d straight an	igles		
	ZE.27.a	Define the geometray, and line segm	tric term ent	s point, li	ine,		Z	E.30.b	Classify right, o	Classify an angle as acute, obtuse, right, or straight					
	ZE.27.b	Draw representation point, line, ray, and	ons for tl d line se	he geom gment	etric terms	5 D	ZE	E.30.c	Determ or strai	ine if an a ght, giver	angle is n a degr	acute, obtus ee measuren	e, right, nent		
	ZE.27.c	Represent a point, using geometric sy	line, ray /mbols	r, and line	e segment										
	ZE.27.d	Identify the symbo	l for infi	nity											
	ZE.27.e	Define infinity													
	ZE.27.f	Explain the relatio line, ray, and line s	nship of segment	infinity to	o a point,										