

0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30
0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40
0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50
0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60
0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70
0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80
0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90
0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00



### **DECIMAL CIRCLES**



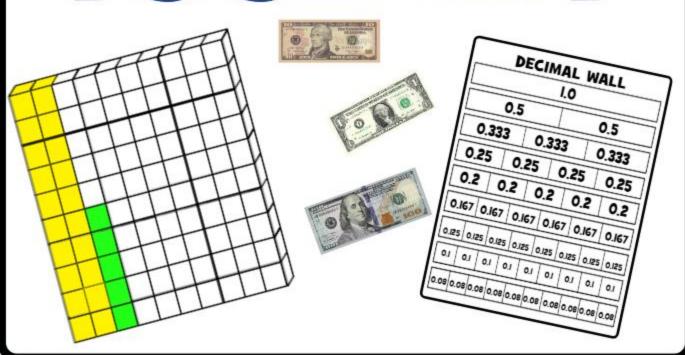








### DECIMAL TOOL KIT



### TABLE OF CONTENTS

Decimal Progression	p.l
Diace Value Doster	ь3
Decimal Place ValueChart	p.4
Vocabulary Cards	p.5
Decimal Place Value Chart	p.7
Place Value	
Representing Decimal	p.l7
Decimal Place Value	p.l9
Representing Decimal	p.20
Decimal Representation	p.2l
Comparing Decimals	p.25
Rounding Decimals	p.27
Decimal Operation	p.29
Modeling Decimal	p.34
Decimal	p.36
Decimal Grid	p.37
Hundred Chart	p.36
Decimal Number Line	p.39
Decimal Wall	
Decimal Circles	
Decimal Wheeel	p.46
Reference	p.47

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### Welcome to this book!

I am so excited that you are here to share this with me. This is the everything you ever wanted, needed, thought you might need, never even knew that you needed mega book of guided math decimal templates. This book is organized by the priority standards topics that you will teach for adding and subtracting within 20. It is written as a k-2 book in the spirit of acceleration and differentiation. The templates are differentiated along the learning progression so that you can meet your students where they are in small groups.

### How to Use this Book!

This book has templates that the teacher can use for guided math groups, whole class activities, workstations and homework! The teacher can pull the different templates and make a binder for each person in the group. In the binder, put the templates in sheet protectors or laminate them so they can be used over and over again! Each student will have their own binder and they can use it as needed!

### Big Ideas/Priority Standards

This book is aligned to the Big Ideas/Priority standards.

- It can be used as a supplement to any program. We have created a
   variety of templates to address the variations in state standards.
   These templates will provide you a way to reach back to catch up
   as well as extend learning for those students who are ready to go
   to the next steps.
- Learning Trajectories

Speaking of steps, we have based all of our templates with the learning trajectories in mind. A learning trajectory is a developmental path that shows the landscape of learning a particular concept. Clements and Sarama have written extensively about learning trajectories (www.learningtrajectories.org). In the front of each book, you will find the learning trajectories for the topic.

### **Guided Math**

Guided Math is a way of teaching students in small groups. Small groups allow us to get up close and personal with our students and their learning. In a small guided math group, there should be no more than 3-5 students. Groups meet for IO-I5 minutes. The focus is on DOING MATH. These templates help you to do just that! They provide a space for students to explore, think, talk and work. In the small guided math group, students will make sense of math through working with their peers, their teacher and the different math materials (thinking mats, manipulatives, vocabulary/language talk frames).

While students are working together, the teacher guides them, asks important questions and provides the necessary feedback on their attempts at making sense of the math so that they can make the necessary connections and corrections and build a deeper understanding of the math concepts. The learning spirals and children build on prior knowledge as they engage in new experiences.

(Dewey 1933/1998; Piaget, 1972; Vygotsky, 1978; Bruner, 1973, 1990). In the guided math group, the

student's should spend most of the time doing math
 rather than listening to the teacher talk about math.

Experiences are scaffolded in a way to maximize the learning opportunities. Students are working in their Zone of Proximal Development, meaning that they are working at a level that is just right, not too easy and not too difficult (Vygotsky, 1978). Through interaction with more capable peers, adults who are facilitating their learning and artifacts (in this case appropriately selected materials such as manipulatives, books, computer programs etc.), students make meaning of the math (Vygotsky).

### Differentiated Instruction

As Coco Aguirre (my mentor teacher) had hanging above the threshold of her door. "If a student doesn't learn the way you teach, then teach the way they learn." This is a simple but powerful truth. Meet the children where they are and then take them to the next level. For me, differentiation is about always asking myself. "If they aren't getting it, what can I do differently?" These templates provide you an option to scaffold the learning so that all students have access to the grade level content!

Tomlinson (1999) speaks of how differentiated instruction results in academically responsive classrooms. In this type of classroom teachers are aware of the academic levels of their students and create curriculum designed to respond to their needs. Tomlinson stated that at its most basic level, differentiating instruction means "shaking up" what goes on in the classroom so that students have multiple options for taking in information, making sense of ideas, and expressing what they learn. In other words, a differentiated classroom provides different avenues to acquiring content, to processing or making sense of ideas, and to developing products so that each student can learn effectively (2001).

While differentiation "advocates attending to students as individuals, it does not assume a separate assignment for each learner" (Tomlinson). "Differentiation needs to be student-centered, rooted in assessment, and dynamic" Serravallo, 2010. We are constantly adjusting our teaching in response to what students are telling and showing us in their work and talk. Teachers who differentiate must take the time to get to know their students well. They have to understand them as people, learners and know what motivates them to reach their goals. Robb notes that "Differentiation is a way of teaching, it's not a program or a package of worksheets. It asks teachers to know their students well so they can provide each one with experiences and tasks that will improve learning" (2008, p.13).

### Math Talk

One of the most important things that happen in the math class is the discussion. We have to teach students to be active participants and engaged listeners. We want them to respect each other deeply and seek to truly understand each other without judgment. They have to learn to develop and defend their thinking, justify their answers and respectfully disagree with each other. The National Council of Teachers of Mathematics (NCTM) defines math talk as "the ways of representing, thinking, talking, and agreeing and disagreeing that teachers and students use to engage in [mathematical] tasks" (NCTM,

### Questioning

It is so important to ask good questions. The questions should reach beyond the answer. As Phil Daro notes, we have to go "beyond answer-getting (https://vimeo.com/79916037)." The questions in the guided math group should be designed to get students to understand more fundamentally the mathematics of the grade level. Good questions don't just happen, they are planned for. The teacher should know ahead of time the types of questions that she will ask and why she will ask them. In the plan for the lesson, the teacher should brainstorm some possible questions that push student thinking. These are not yes or no questions, but rather ones that require students to explain themselves, show what they know and defend and justify their thinking.



### DECIMAL PROGRESSION

**FLUENCY IS** 

- 1 EFFICIENCY
- 2 ACCURACY
- 3 FYEXIBILITY

Estimate decimal sums, differences, products and quotients.

Divide a decimal by a whole number using repeated subtraction or area models.

Divide a whole number by a decimal.

Multiply decimals with a product to hundredths and then thousandths using models, drawings, or strategies based on place value.

Solve Real World Problems about decimals. Add decimals to hundredths and then thousandths using models, drawings or strategies based on place value.

Subtract decimals to hundredths and then thousands using models, drawings or strategies based on place value.

Write decimals using base ten numerals, number names and expanded form.

Round decimals to the nearest tenth, hundredth and thousandth.

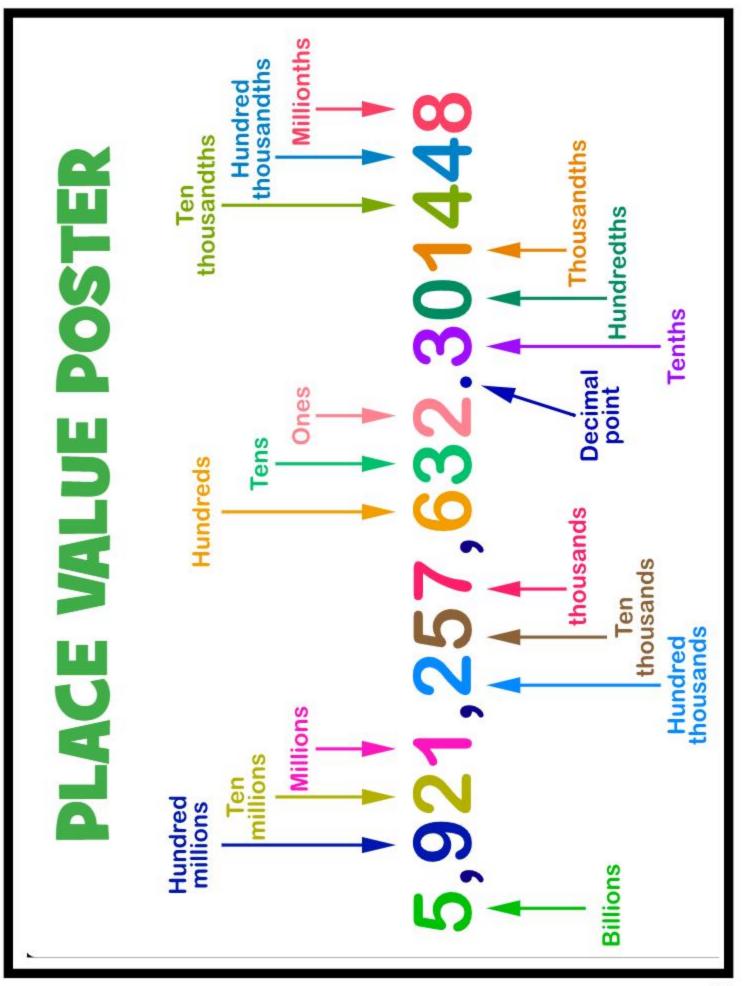
Order decimals by tenths, hundredths and thousandths. Compare 2 decimals to hundredths and then thousandths based on the value of the digits in each place. Use symbols to record the comparisons.

Use decimal notation to represent fractions.

Express, model and explain the equivalence between fractions with denominators of 10 and 100.

Use equivalent fractions to add two fractions with denominators of 10 or 100.

Represent tenths and hundredths with models making connections between fractions and decimals. Plot tenths and hundredths on the number line.



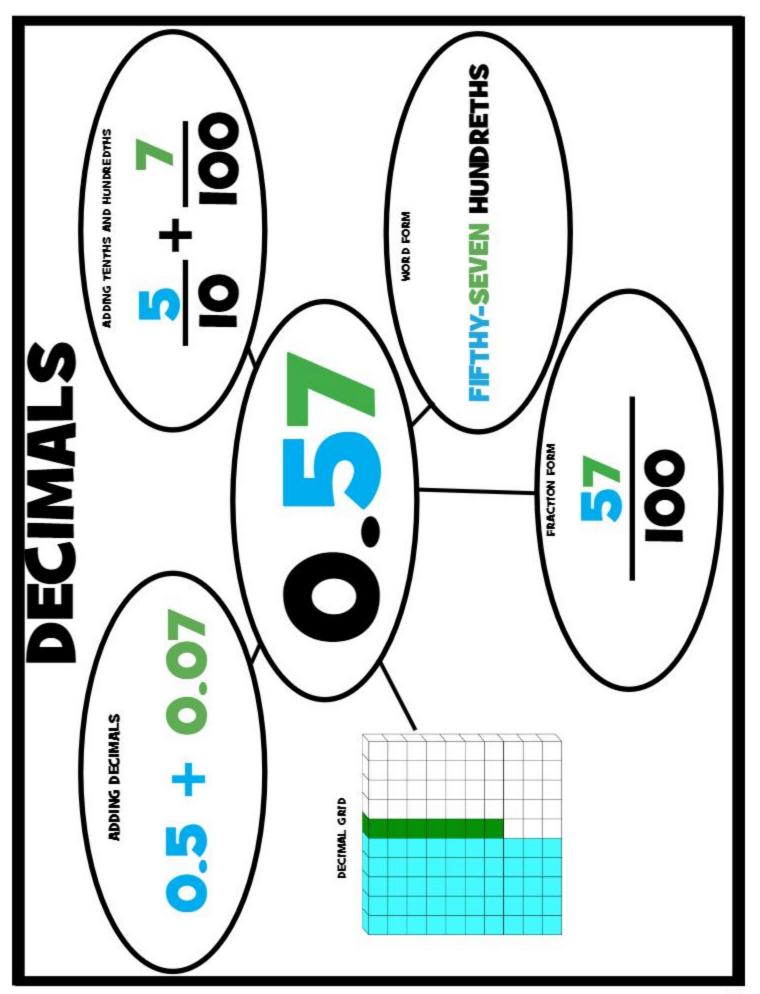
### 0.001 Tenths Hundredths Thou 0.01 DECIMAL PLACE VALUE CHART 0.1 Decimal Ones Tens 9 Thousands Hundreds 100 000

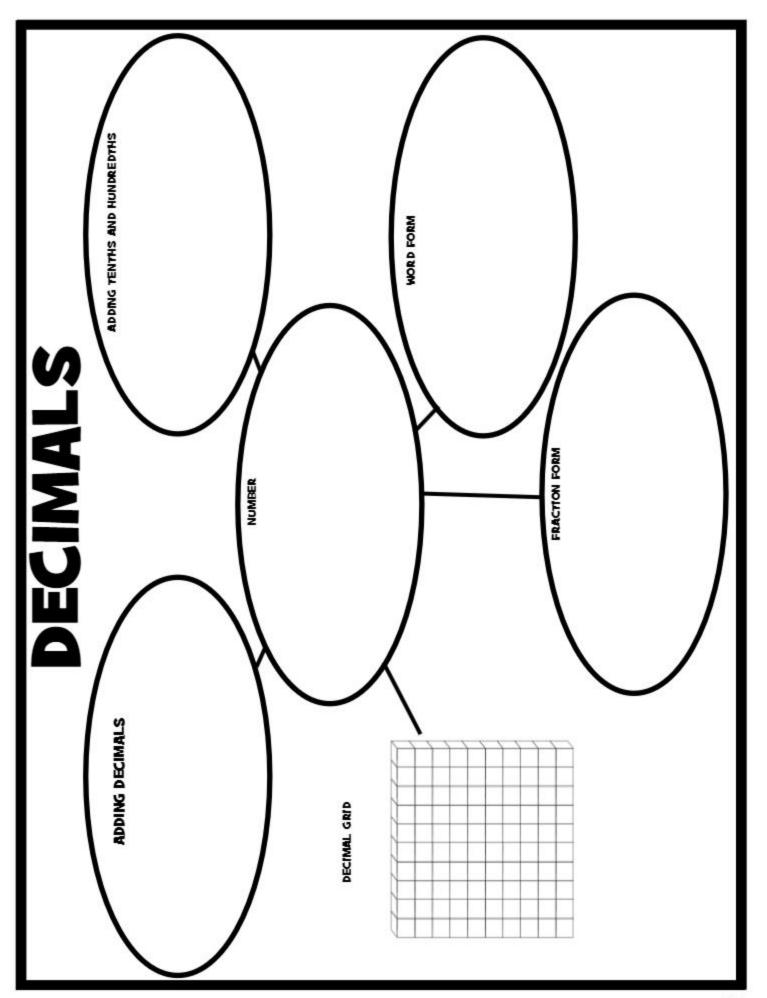
### **VOCABULARY CARDS**

0.1 TENTH 1 1 10

HUNDREDTH 100

THOUSANDTH 1000





### PLACE VALUE CHART

TEN THOUSANDTHS		
SHTQNASUOHT		
нимркертня		
TENTHS		
DECIMAL POINT		
ONES		
TENS		
номриера		
SQNASUOHT		
SQNASUOHT NET		
HUNDRED THOUSANDS		
WILLIONS		
TEN MILLIONS		
HONDRED MILLIONS		

### PLACE VALUE CHART

0.01	HUNDREDTHS				
0.1	TENTHS				
21 C	•				
-	ONES				
10	TENS				
100	HUNDREDS				
1,000	THOUSANDS				
10,000	TEN THOUSANDS				
100,000	HUNDRED THOUSANDS				
1,000,000	MILLIONS				

### **DECIMAL PLACE VALUE CHART**

ONE MILLIONS	HUNDRED THOUSANDS	TEN THOUSANDS	ONE THOUSANDS	HUNDREDS	TENS	ONES	DECIMAL POINT	TENTHS	HUNDREDTHS	THOUSANDTHS
							•			
	E						•			
							•			
							٠			
							٠			
$\Box$							٠			
							•			

### 21

### PLACE VALUE CHART

<b>СИВЕРТНЯ</b>	
TENTHS	
DECIMAL POINT	
ONES	
TENS	
HUNDREDS	
SQNASUOHT	
SQNASUOHT NЭT	
ноиркер тноиѕьир	
MILLIONS	
TEN MILLIONS	
HONDBED WILLIONS	
BILLIONS	

### (1) ONES (OL) TENS (100) HONDREDS PLACE VALUE CHART (1,000) **SQNASUOHT** THOUSANDS (10,000) **ТЕИ ТНОИЅВИDS** (100,000) оие нииркер тноиѕаиря (000,000,1) WILLIOUS MILLIONS (000,000,01) **TEN MILLIONS** (100,000,001) ONE HONDBED WITTIONS BILLIONS **TEN BILLIONS** HONDRED BILLIONS

## **DECIMAL PLACE VALUE CHART**

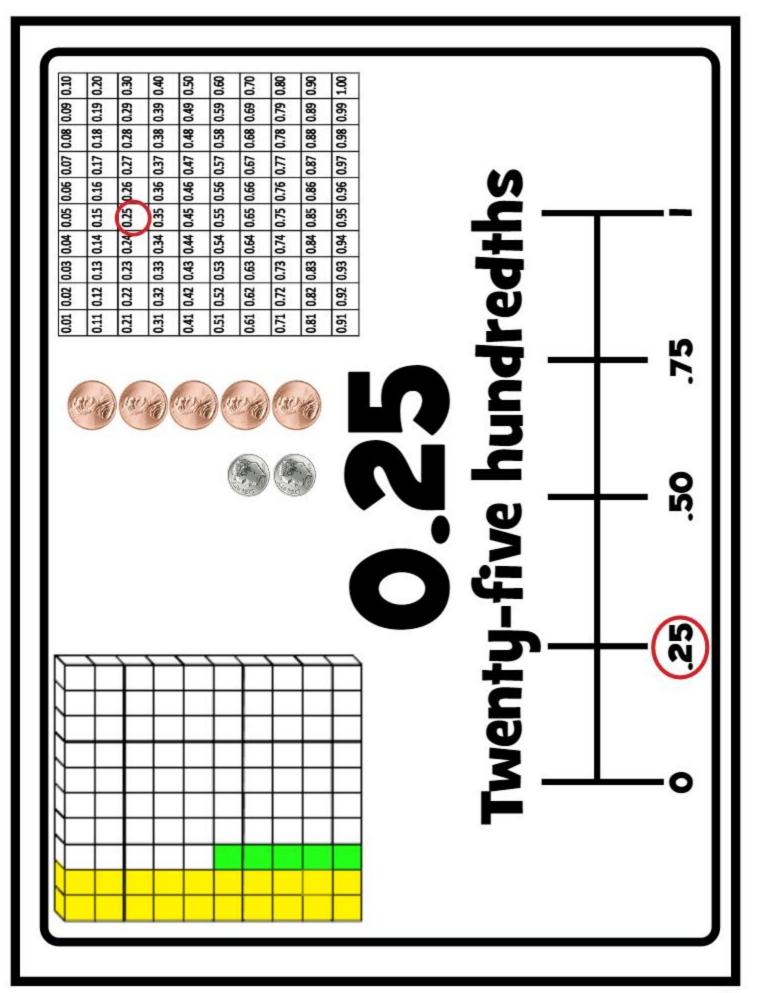
THOUSANDTHS	1/1000s 0,001s							
HUNDREDTHS	1/100s 0.01s							
TENTHS	1/10s 0.1s							
DECIMAL		•	*			*		
ONES	18							
TENS	10s							
HUNDREDS	100s							
ONE	1000s							

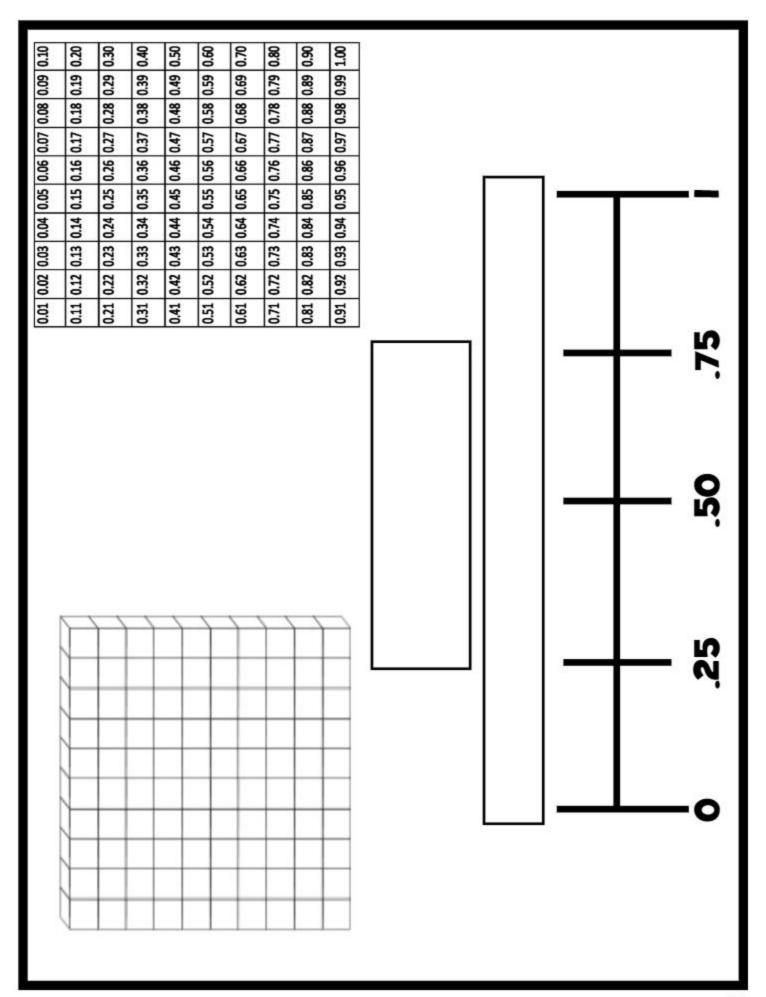
### **PLACE VALUE**

	hundred thousands
	ten thousands
	thousands
,	say thousand
	hundreds
	tens
	ones
	say <b>and</b>
	tenths
	hundredths
	thousandths

### **PLACE VALUE**

5	millions
•	say <i>million</i>
7	hundred thousands
2	ten thousand
9	thousand
•	say thousand
4	hundreds
_	tens
0	ones
	say <b>and</b>
ယ	tenths
တ	hundredths
$\infty$	thousandths
	say thousandths





### REPRESENTING DECIMALS

**DECIMAL** 

.589

### **EXPANDED NOTATION**

 $(5 \times 1/10) + (8 \times 1/100) + (9 \times 1/1000)$ 

### **EXPANDED FORM**

.5 + 0.08 + 0.009

### **FRACTION FORM**

5/10 + 8/100 + 9/1000

### FRACTION FORM

589/1000

### REPRESENTING DECIMALS

DECIMAL	FRACTION	DECIMAL GRID	MONEY
.59	59/100		

### TENTHS HUNDREDTHS **DECIMAL PLACE VALUE** ONES TENS HUNDREDS

## REPRESENTING A DECIMAL

### HUNDREDTHS TENTHS MONEY SHES 局 HUNDREDS

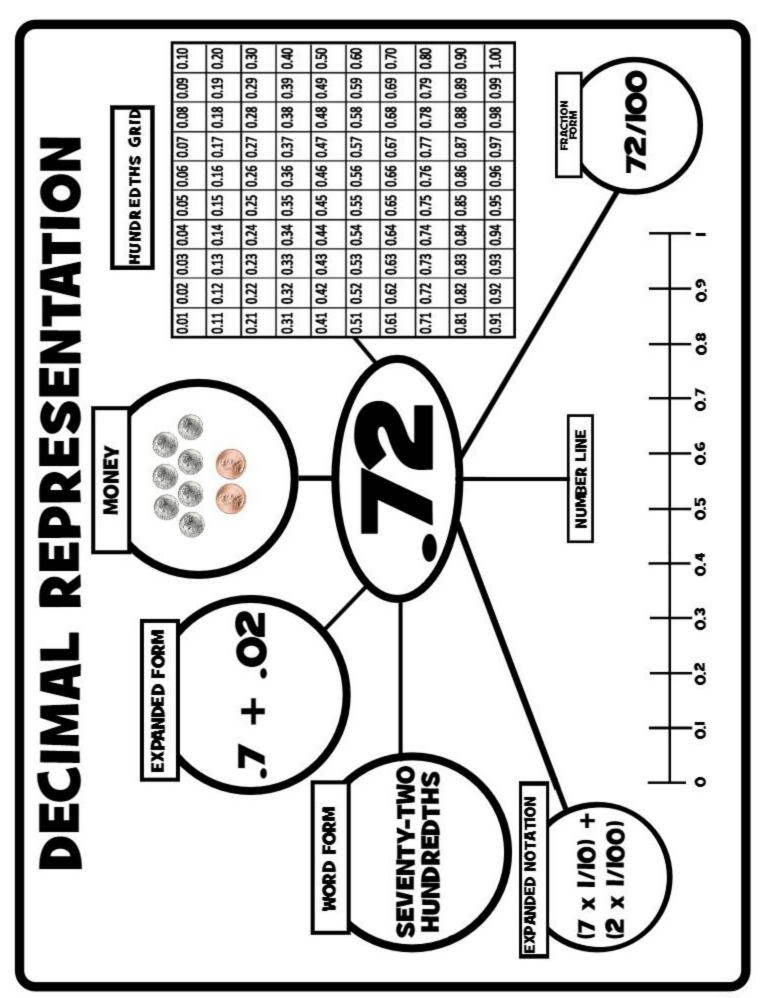
### STANDARD FORM

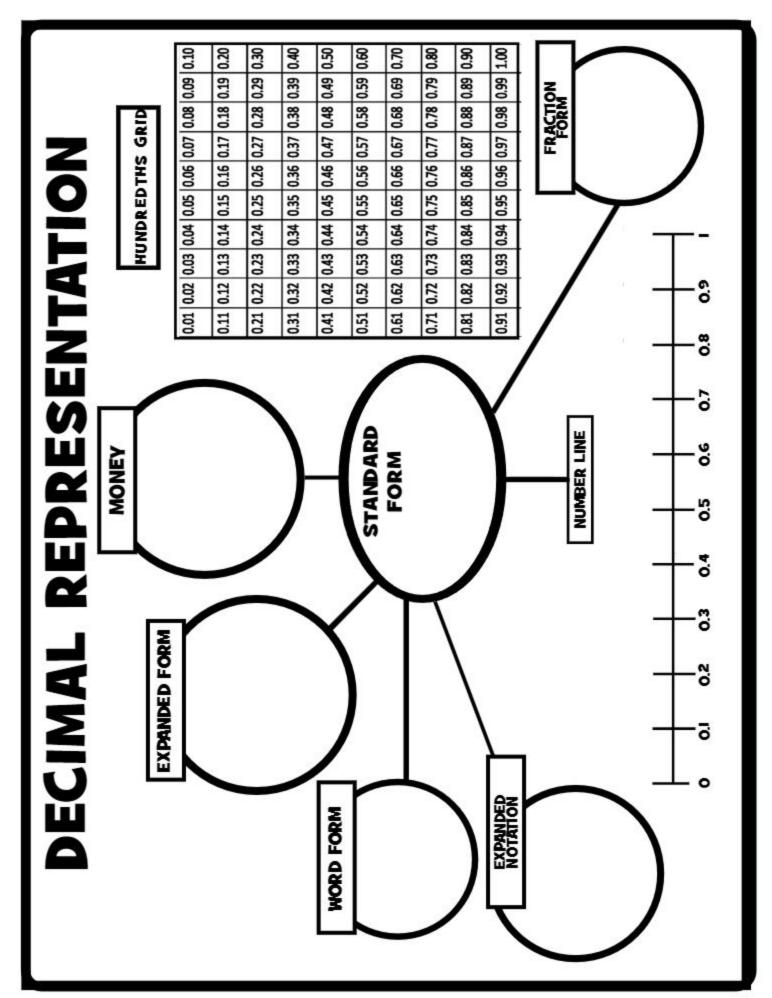
### WORD FORM

### **SEVEN AND EIGHTY-FIVE** HUNDREDTHS

### EXPANDED FORM

**200.** + **30.** + **7** 



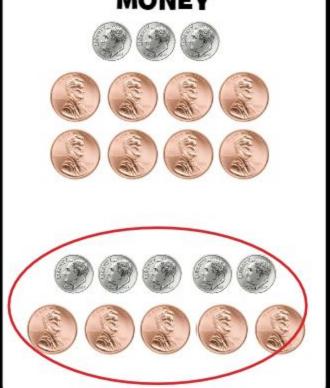


### COMPARING DECIMALS

### **HUNDREDTHS GRID**

0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30
0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40
0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50
0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60
0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70
0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80
0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90
0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00
	0.12 0.22 0.32 0.42 0.52 0.62 0.72	0.12 0.13 0.22 0.23 0.32 0.33 0.42 0.43 0.52 0.53 0.62 0.63 0.72 0.73 0.82 0.83	0.12 0.13 0.14 0.22 0.23 0.24 0.32 0.33 0.34 0.42 0.43 0.44 0.52 0.53 0.54 0.62 0.63 0.64 0.72 0.73 0.74 0.82 0.83 0.84	0.12       0.13       0.14       0.15         0.22       0.23       0.24       0.25         0.32       0.33       0.34       0.35         0.42       0.43       0.44       0.45         0.52       0.53       0.54       0.55         0.62       0.63       0.64       0.65         0.72       0.73       0.74       0.75         0.82       0.83       0.84       0.85	0.12       0.13       0.14       0.15       0.16         0.22       0.23       0.24       0.25       0.26         0.32       0.33       0.34       0.35       0.36         0.42       0.43       0.44       0.45       0.46         0.52       0.53       0.54       0.55       0.56         0.62       0.63       0.64       0.65       0.66         0.72       0.73       0.74       0.75       0.76         0.82       0.83       0.84       0.85       0.86	0.12       0.13       0.14       0.15       0.16       0.17         0.22       0.23       0.24       0.25       0.26       0.27         0.32       0.33       0.34       0.35       0.36       0.37         0.42       0.43       0.44       0.45       0.46       0.47         0.52       0.53       0.54       0.55       0.56       0.57         0.62       0.63       0.64       0.65       0.66       0.67         0.72       0.73       0.74       0.75       0.76       0.77         0.82       0.83       0.84       0.85       0.86       0.87	0.12       0.13       0.14       0.15       0.16       0.17       0.18         0.22       0.23       0.24       0.25       0.26       0.27       0.28         0.32       0.33       0.34       0.35       0.36       0.37       0.38         0.42       0.43       0.44       0.45       0.46       0.47       0.48         0.52       0.53       0.54       0.55       0.56       0.57       0.58         0.62       0.63       0.64       0.65       0.66       0.67       0.68         0.72       0.73       0.74       0.75       0.76       0.77       0.78         0.82       0.83       0.84       0.85       0.86       0.87       0.88	0.02         0.03         0.04         0.05         0.06         0.07         0.08         0.09           0.12         0.13         0.14         0.15         0.16         0.17         0.18         0.19           0.22         0.23         0.24         0.25         0.26         0.27         0.28         0.29           0.32         0.33         0.34         0.35         0.36         0.37         0.38         0.39           0.42         0.43         0.44         0.45         0.46         0.47         0.48         0.49           0.52         0.53         0.54         0.55         0.56         0.57         0.58         0.59           0.62         0.63         0.64         0.65         0.66         0.67         0.68         0.69           0.72         0.73         0.74         0.75         0.76         0.77         0.78         0.79           0.82         0.83         0.84         0.85         0.86         0.87         0.88         0.89           0.92         0.93         0.94         0.95         0.96         0.97         0.98         0.99



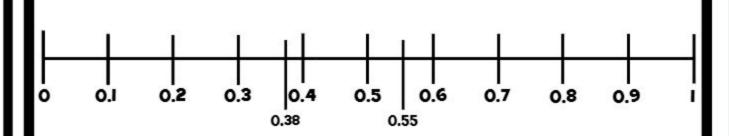


**USING SYMBOLS** 



38 < .55

### NUMBERLINE



### COMPARING DECIMALS

### **HUNDREDTHS GRID**

0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30
0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40
0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50
0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60
0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70
0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80
0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90
0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00

### MONEY

### **USING SYMBOLS**



### NUMBERLINE

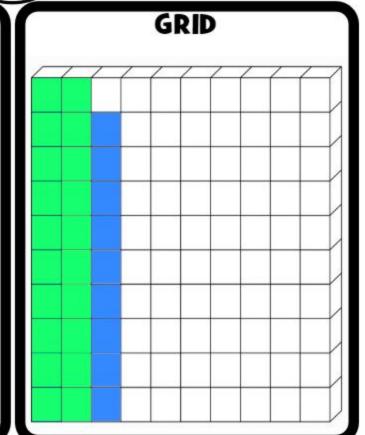


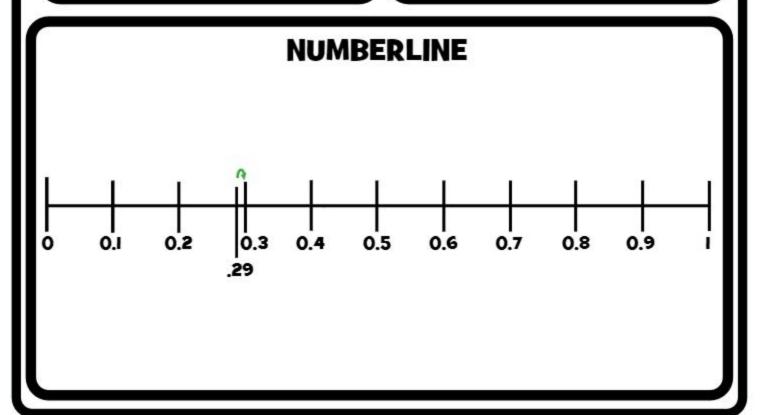
# COMPARING DECIMALS

# COMPARING DECIMALS

### ROUNDING DECIMALS

CHART											
0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10		
0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20		
0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30		
0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40		
0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50		
0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60		
0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70		
0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80		
0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90		
0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00		





### **ROUNDING DECIMALS**





0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2
2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3
3	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4
4	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5
5	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6
6	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7
7	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8
8	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9
9	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10

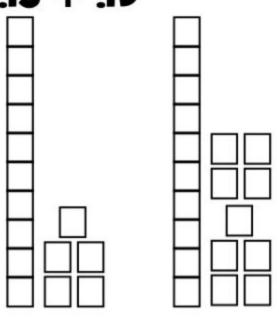




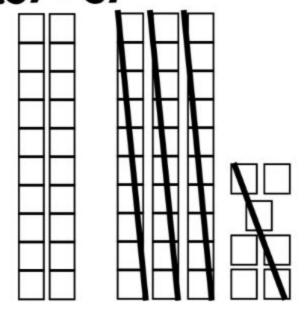
### DECIMALS OPERATIONS

### **ADDING DECIMALS**

$$.15 + .19$$

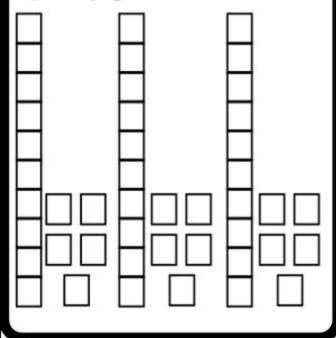


### SUBTRACTING DECIMALS



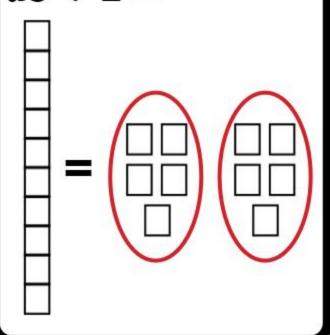
### MULTIPLYING DECIMALS

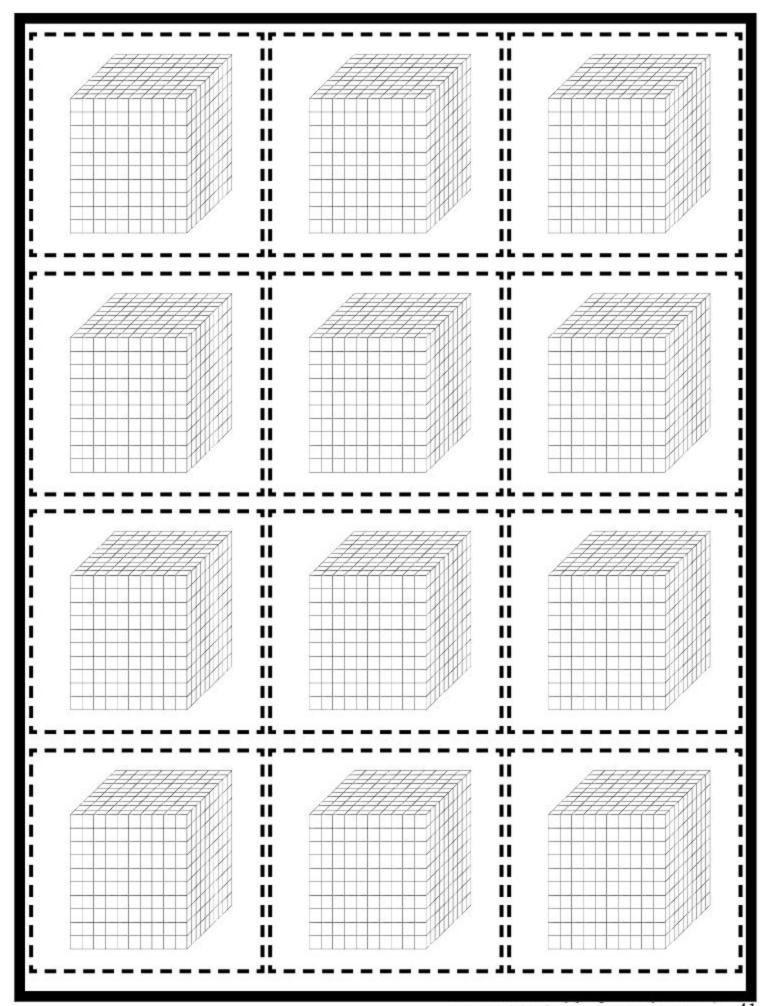
3 x .15

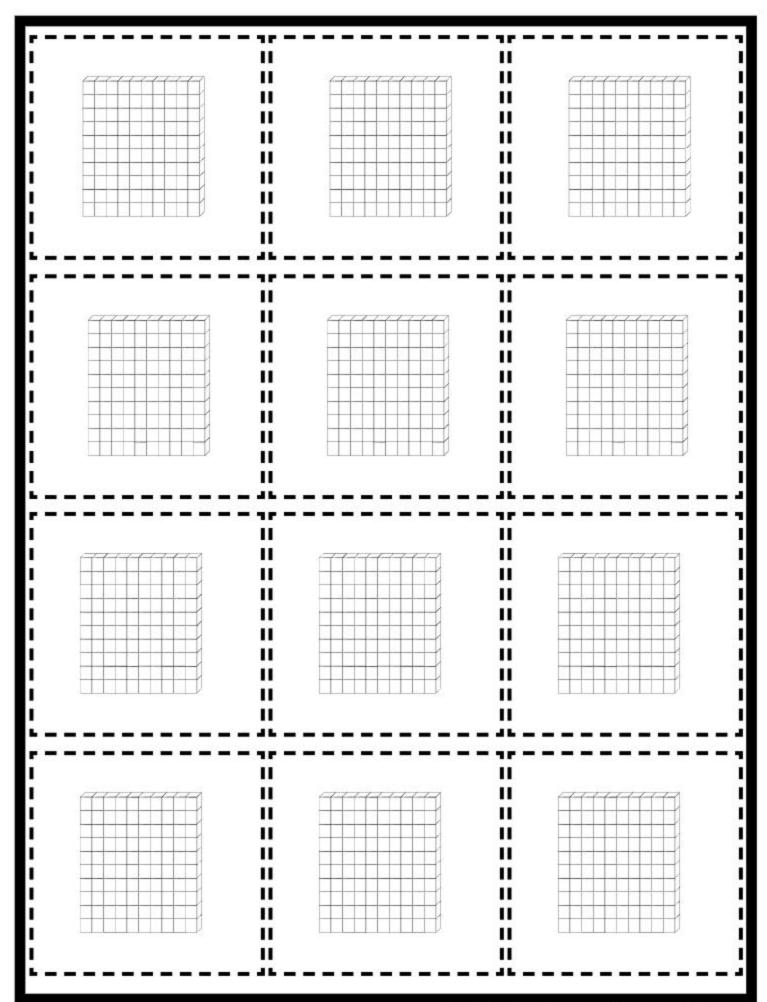


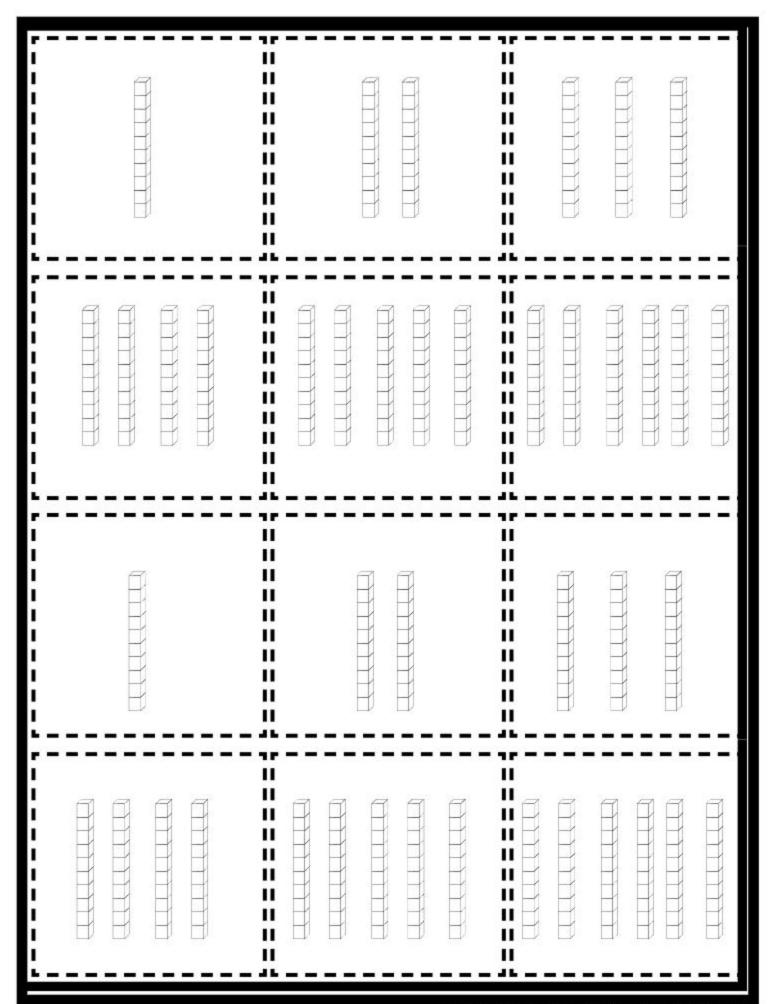
### DIVIDING DECIMALS

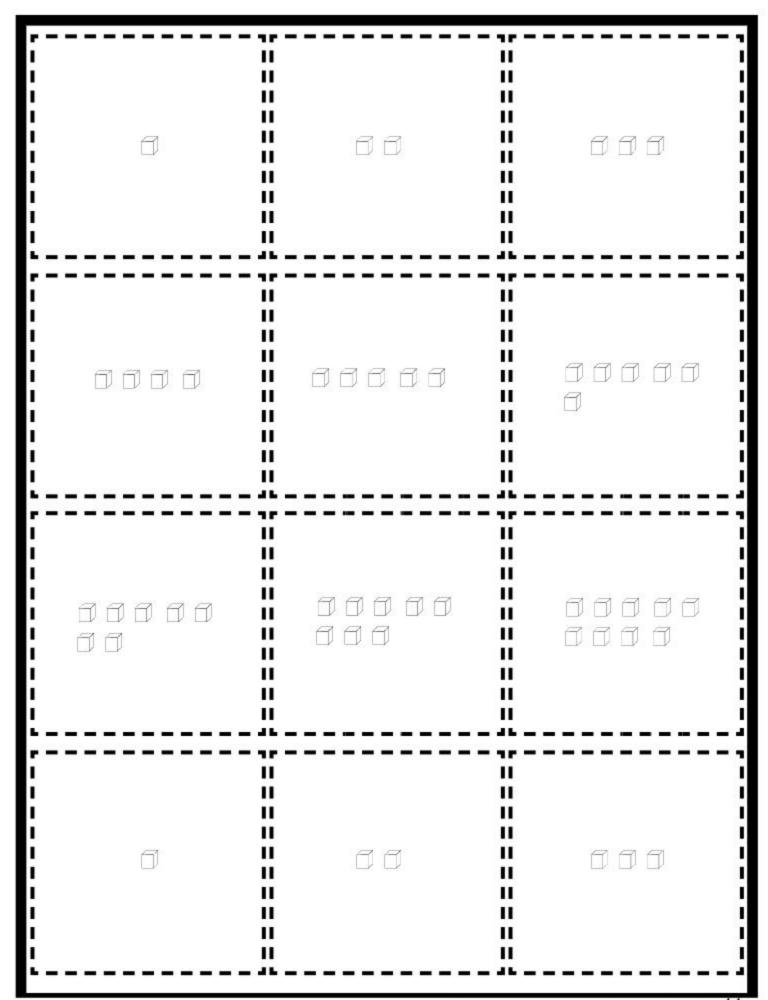
$$.10 \div 2 =$$





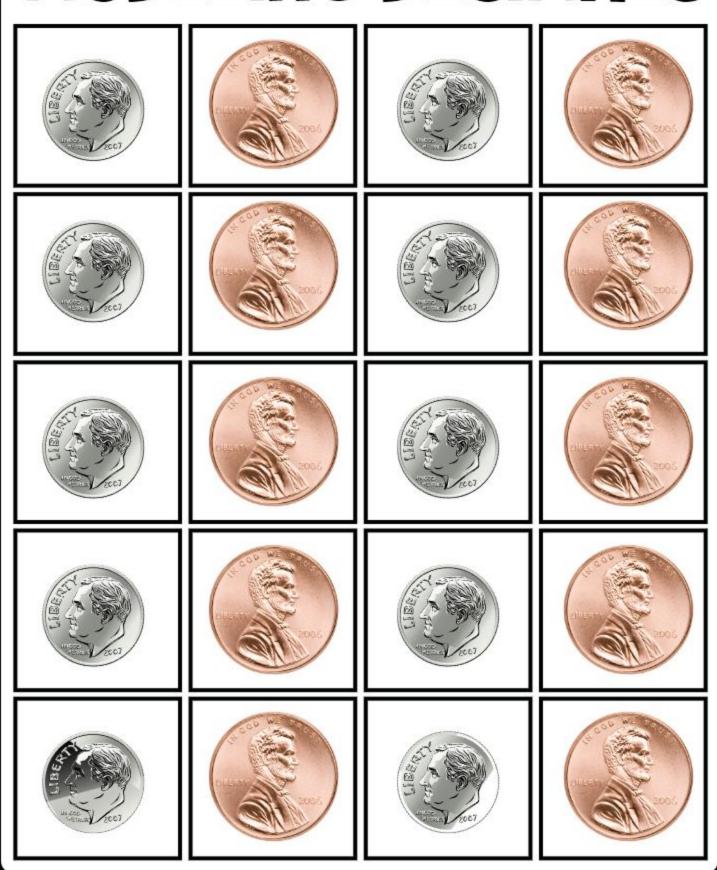


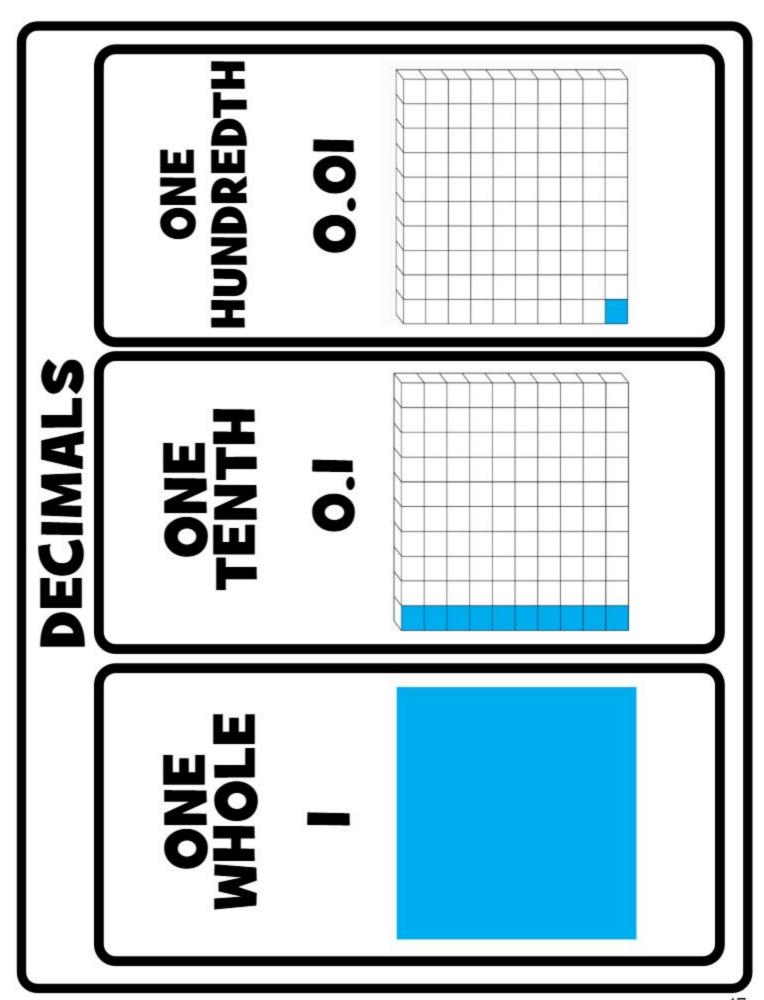




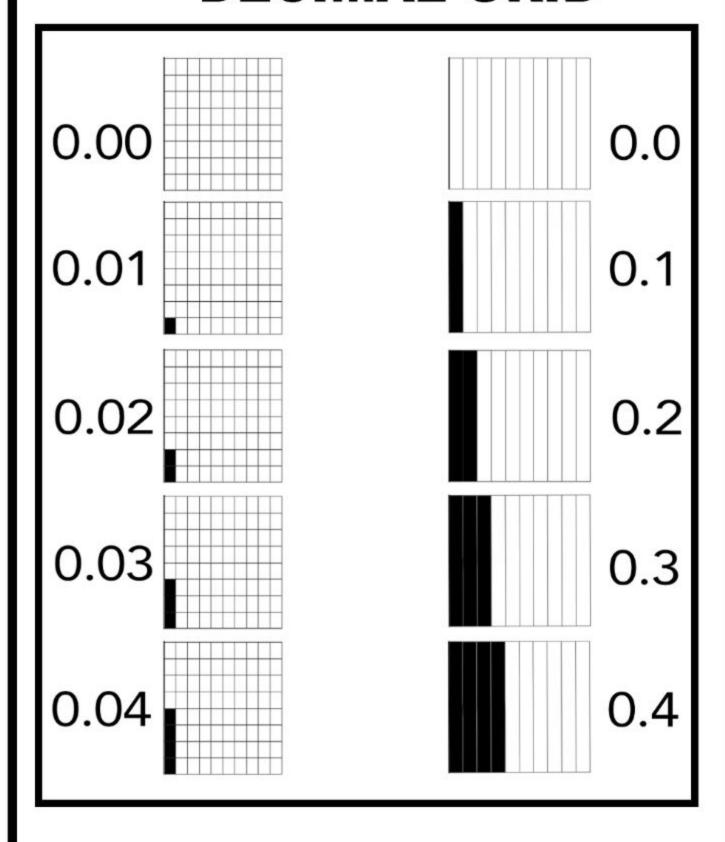
## MODELING DECIMALS

### MODELING DECIMALS





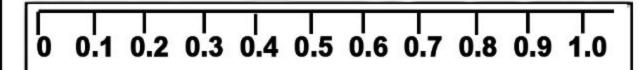
### **DECIMAL GRID**

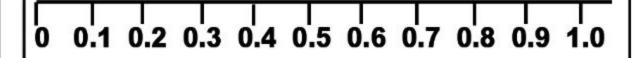


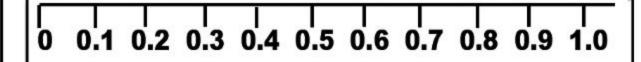
### **HUNDREDTHS CHART**

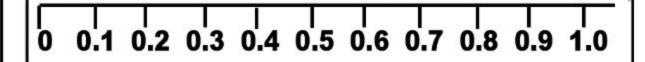
192		80 50	899		20 82	Sec. 19			s. 23
0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30
0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40
0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50
0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60
0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70
0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80
0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90
0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00

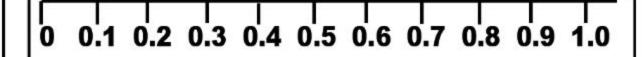
### **DECIMAL NUMBER LINE**

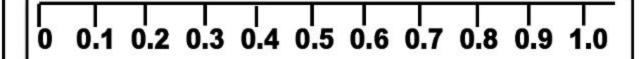


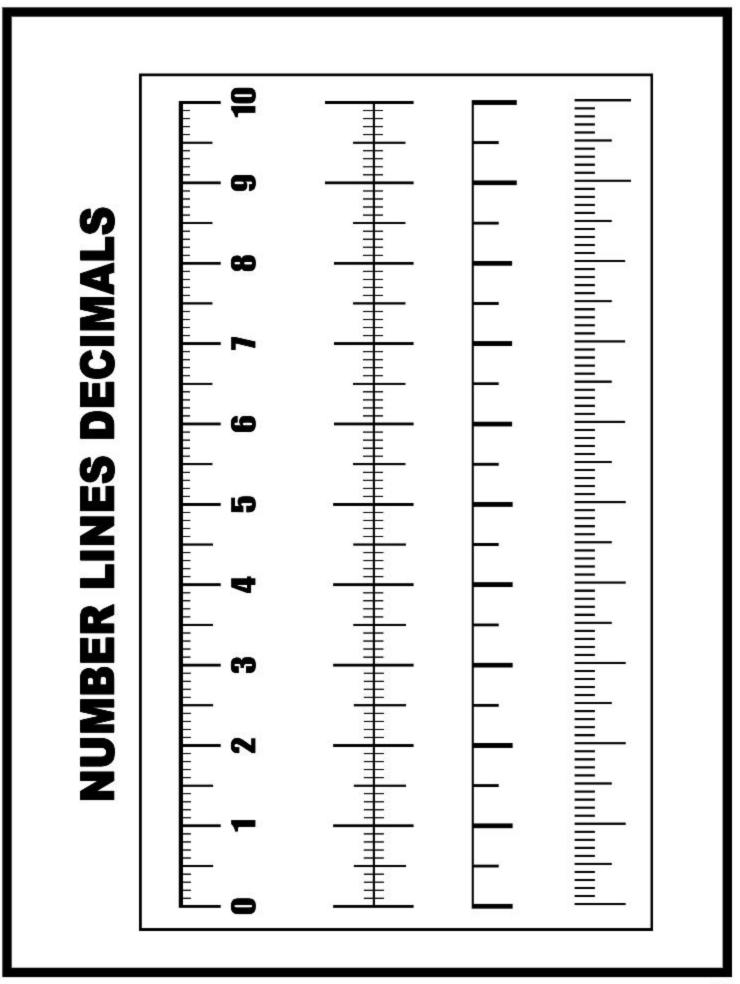


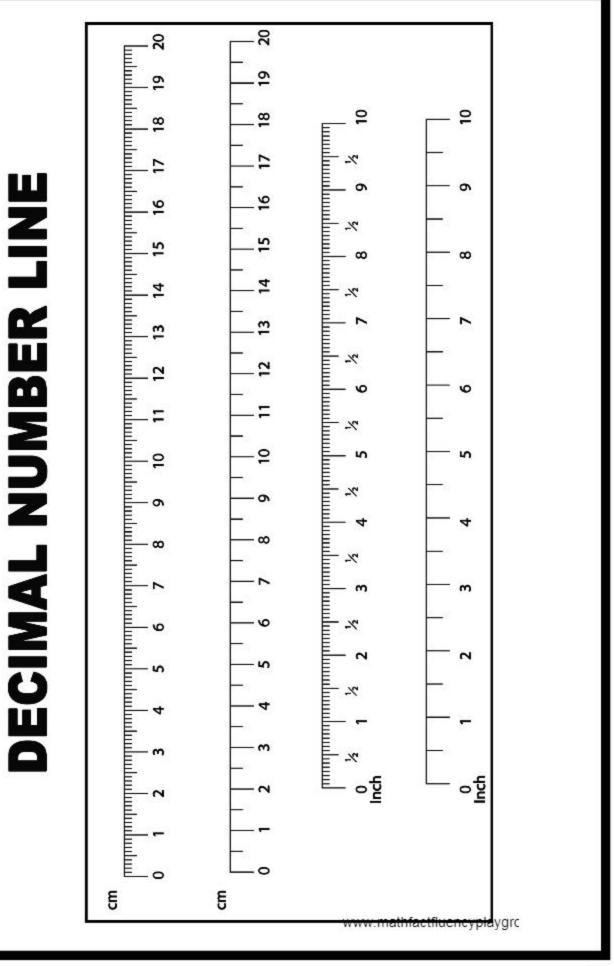


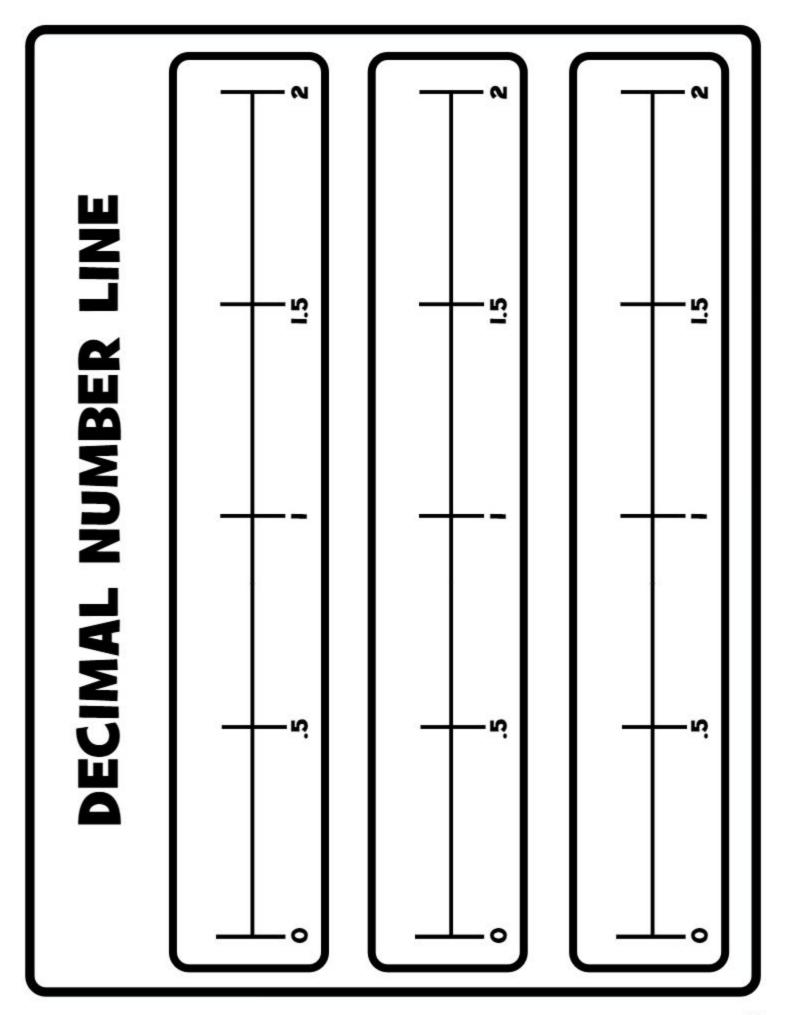




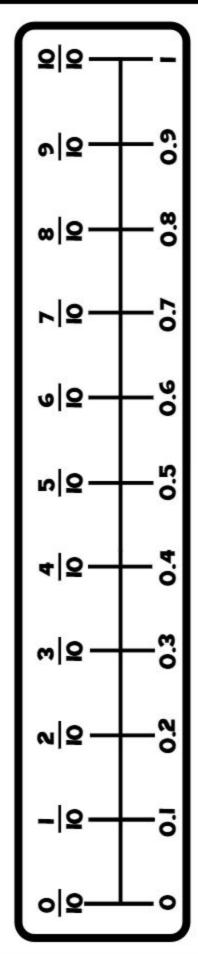






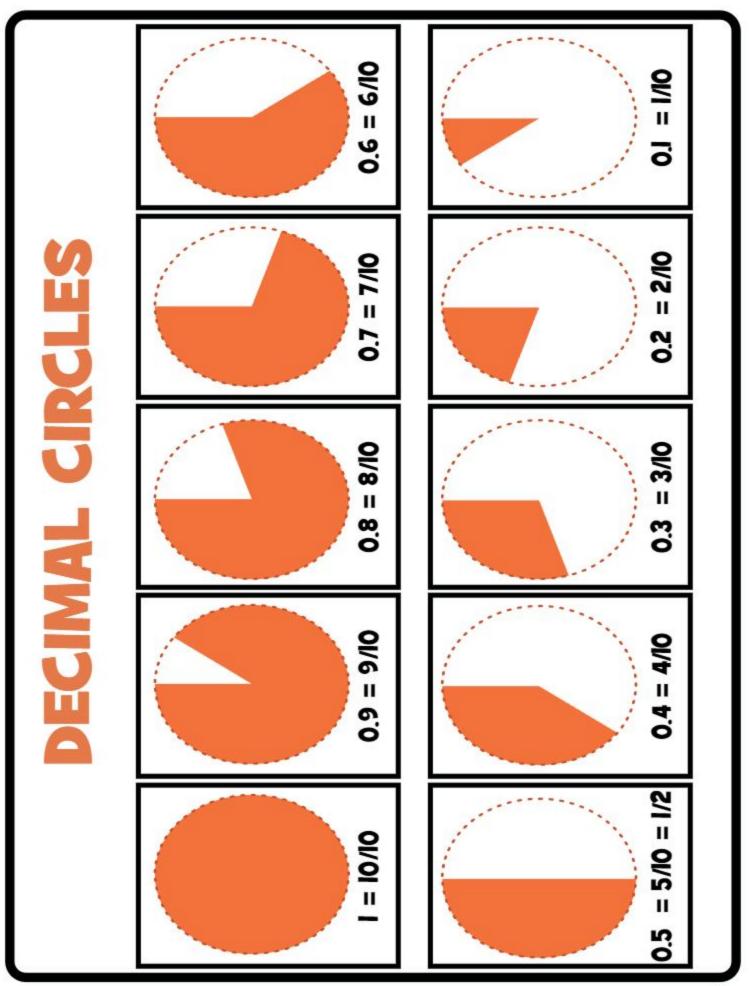


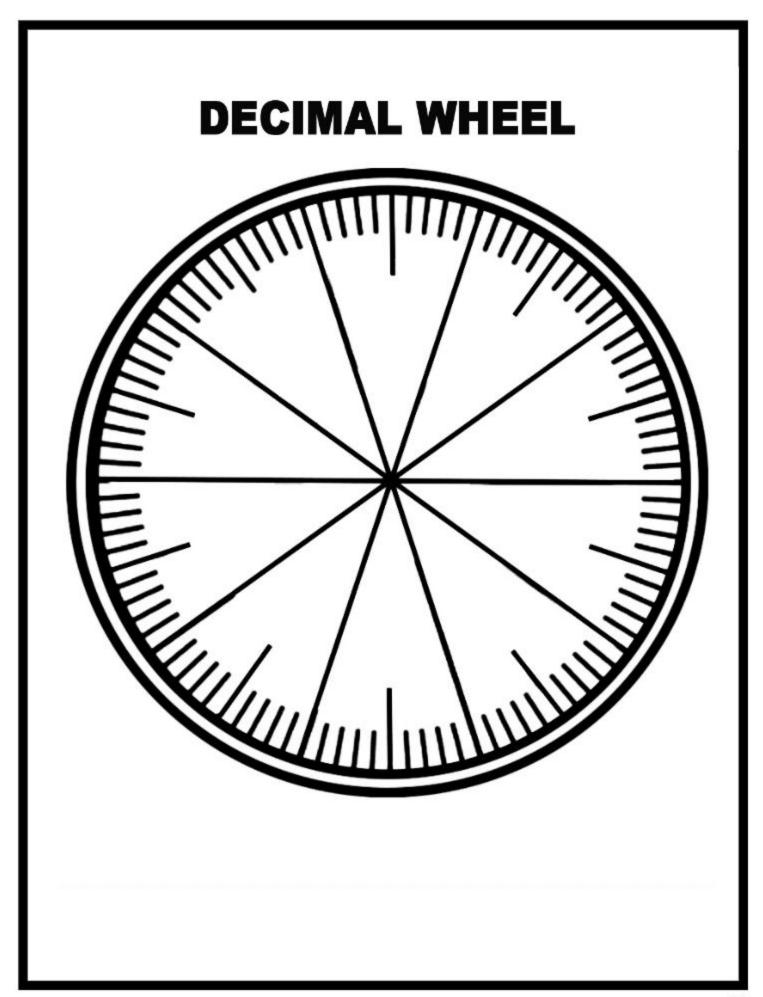
### DECIMAL NUMBER LINE



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80.0	0.08	0.08	0.0	8 0.0	80	0.08	0.0	8 0.	08 0	.08	0.08	





### REFERENCES

Bruner, J. S. (1973). Beyond the Information Given: Studies in the Psychology of Knowing. New York: Norton.

Bruner, J. (1990). Acts of Meaning. Cambridge, MA: Harvard University Press.

Dewey, J. (1933). How We Think. A restatement of the relation of reflective thinking to the educative process (Revised ed.), Boston: M.A.

Dewey, J. (1998). Experience and Education: The 60th anniversary Edition. Kappa Delta Pi. Nov. 1st.

National Council of Teachers of Mathematics (1991). Professional standards for teaching mathematics. Reston, VA.

Piaget, J. (1972). To Understand Is To Invent. New York: The Viking Press, Inc.

Robb, L. (2008). Differentiating reading instruction: How to teach reading to meet the needs of each student. New York. New York: Scholastic.

Serravallo, J. (2010) Teaching Reading in Small Groups: Differentiated Instruction for Building Strategic, Independent Readers. Nh: Heinemann.

Tomlinson, C.A. (1999). How to differentiate instruction in mixed-ability classrooms. Alexandria, VA: ASCD.

Tomlinson, C. A. (2001). How to Differentiate Instruction in Mixed-Ability Classrooms. Upper Saddle River, NJ: Pearson Education.

Vygotsky, L. S. (1978). Mind in society: The development of higher psychological processes. Massachusetts: Harvard University Press.

Tomlinson (2001)

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0.71 0.72 0.73 0.74 0.75 0.75 0.77 0.78 0.79 0.80
0.81 0.82 0.83 0.84 0.85 0.86 0.87 0.88 0.89 0.90
0.91 0.92 0.93 0.94 0.95 0.96 0.97 0.98 0.99 1.00



This Teacher's Decimal Resource
Toolkit was created to help teach
decimals. There are many different
templates, activity sheets and backline
masters to use to differentiate
instruction. Use these resources to
scaffold access to grade level content
for all your students!



