

# DAILY number

Word Form

Expanded Form

Model

Place Value

Before and After

Compare

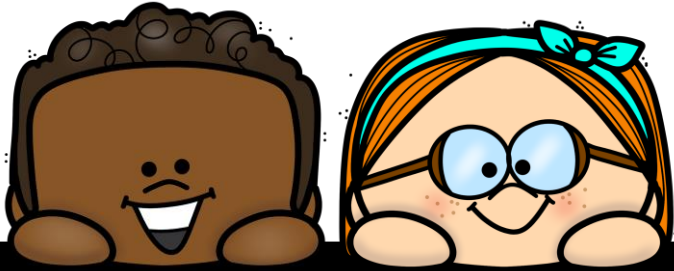
NUMBER  
SENSE

K-6<sup>th</sup> Grade

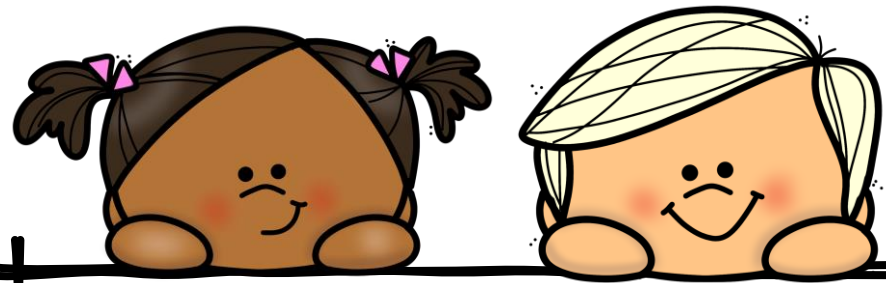


**Figured in**struction

# GUIDE



The purpose is to fully develop number sense. Start at the lowest level mat and use the same mat until the student completes it 3-5 times with ease. Move to a previous mat (even if down a grade level) until that mat is completed consistently with ease. Write the number in the center to get them started. Or challenge them to select a good number. Calculator Soup is an excellent resource for checking answers: Google (with supervision) using the terms on the mat will often turn up good results too. Khan Academy and YouTube (with Assistance) have videos explaining how to complete each task on the mat. Again, use the terminology when searching. This is the perfect opportunity to let students use markers, colored pencils, dry erase, etc!



## Suggested mats *by grade level*

A: Kinder-2nd Grade

B: Kinder-3rd Grade

C: 1st - 4th Grade

D: 2nd - 4th Grade

E: 2nd - 4th Grade

F: 3rd - 6th Grade

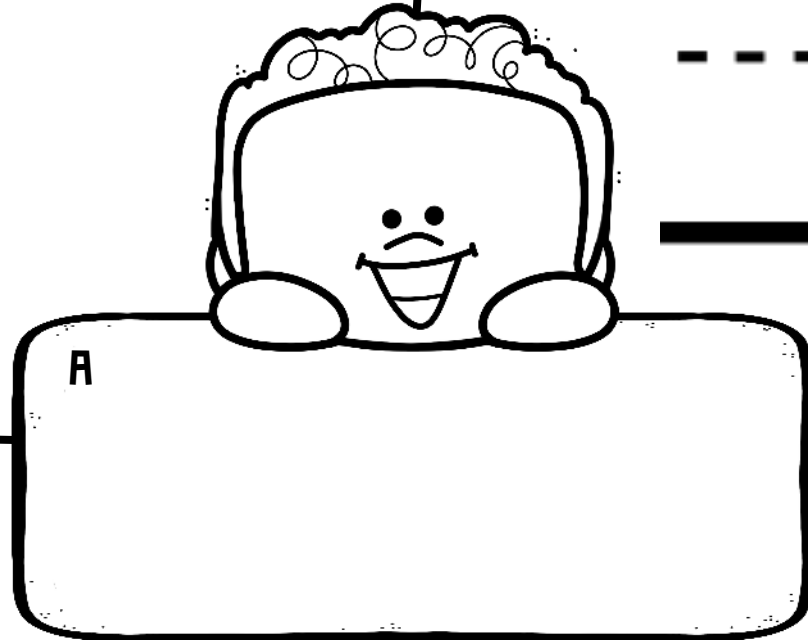
G: 4th - 6th Grade

H: 4th - 6th Grade

I: 5th - 6th Grade

Draw It

Write It/Trace It



\_\_\_\_\_

-----

\_\_\_\_\_

Number Selection:  
0 to 10


Ten Frame

Tally

# Word Form

# Expanded Form

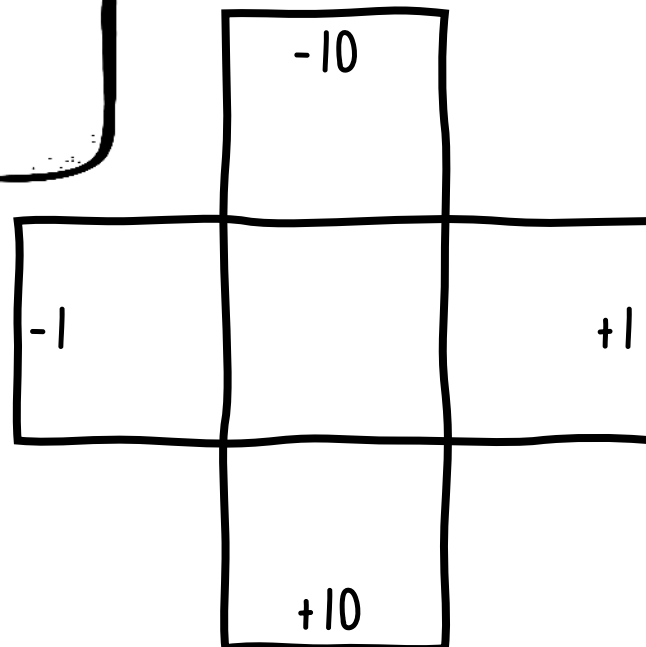


B

Number Selection:  
up to 99

tens	ones

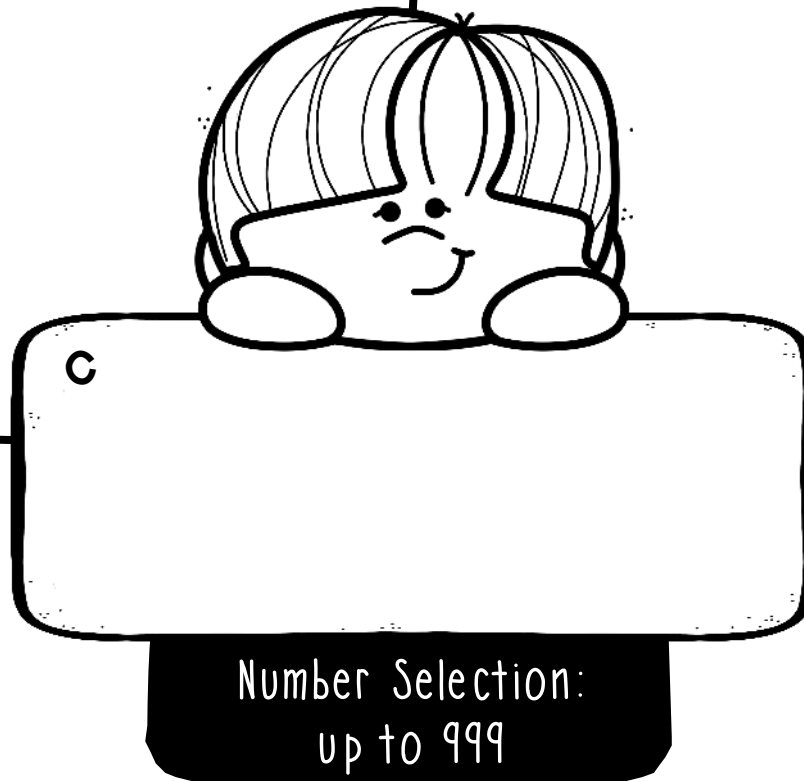
## Base Ten & Place Value



## Before and After

**Word Form**

**Expanded Form**

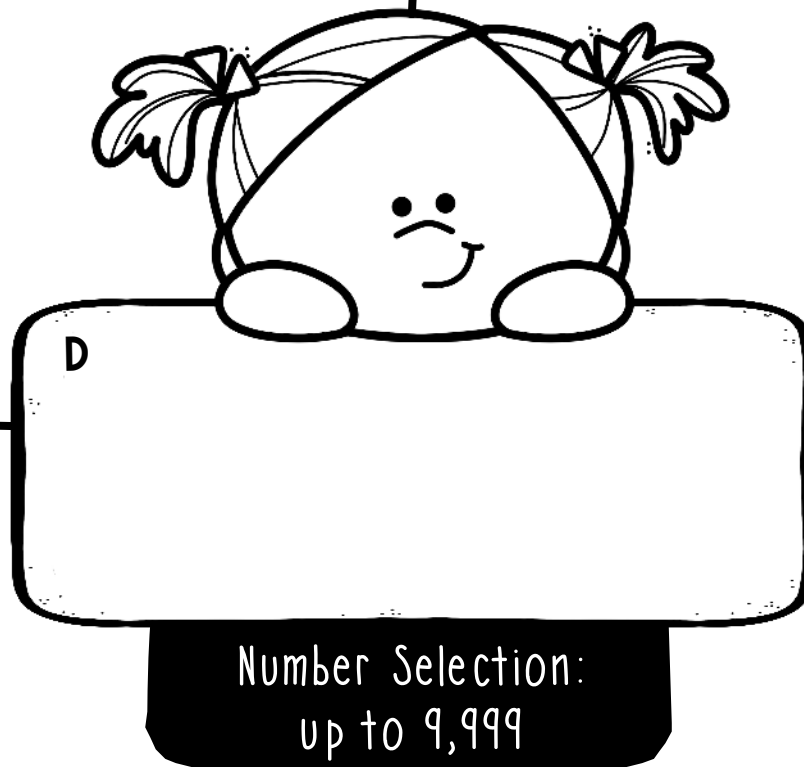


**Base Ten & Place Value**

**Before and After**

Word Form

Expanded Form

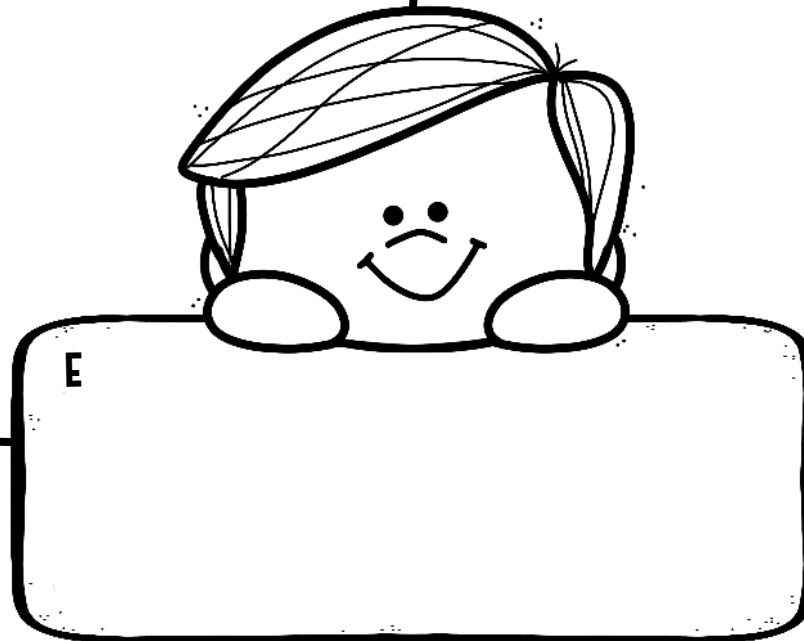


Base Ten

Before and After

Word Form

Expanded Form



E

Number Selection:  
1,000 to 1,000,000

Place Value

Rounded to...

Word Form

Model



F

Fractions  
up to tenths

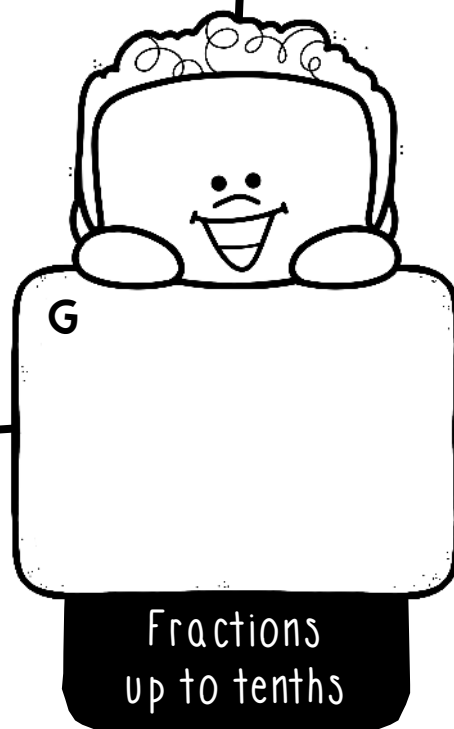
Equivalent Fractions

On the Number Line



**Word Form**

**Multiply & Divide It!**

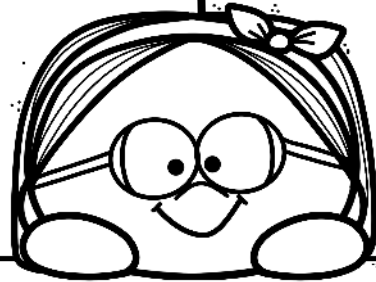


**Comparison**

**Decimal Form**

Word Form

Expanded Form & Fraction Form



H

Decimals  
up to 99.99

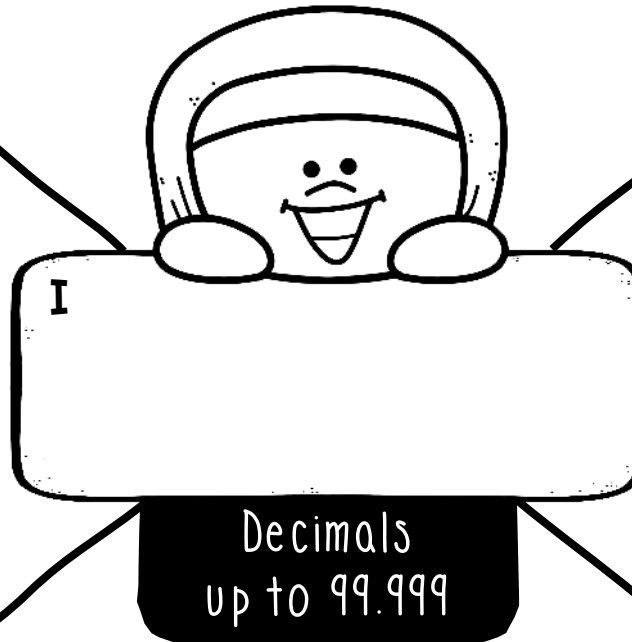
Place Value

Dollars and Coins

Word Form & Expanded Form

Compare It!


Round It!



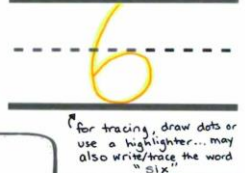
Place Value & Fraction Form

# SAMPLES


**Draw It**




**Write It/Trace It**



Number Selection: 0 to 10



**Ten Frame**



**Tally**


A

B


**Word Form**

forty-seven

**Expanded Form**

$$40 + 7$$


Number Selection: up to 99



4 tens  
7 ones

tens	ones
4	7

**Base Ten & Place Value**


-10	37			
-1	46	47	48	+1
		57		+10

**Before and After**

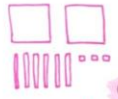
**Word Form**

two-hundred sixty-three

**Expanded Form**

$$200 + 60 + 3$$


Number Selection: up to 999



2 hundreds  
6 tens  
3 ones

any or all three would be great!

hundreds	tens	ones
2	6	3

**Base Ten & Place Value**

-1	262	263	264	+1
-10	253	263	273	+10
-100	163	263	363	+100

**Before and After**


C

D

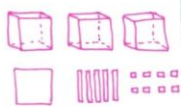
**Word Form**

three thousand one hundred fifty-eight

**Expanded Form**

$$3,000 + 100 + 50 + 8$$


Number Selection: up to 9,999



**Base Ten**

-100 and +100

3,058 and 3,258

-1000 and +1000

2,158 and 4,158

**Before and After**

# SAMPLES

**Word Form**  
thirty-one AND forty-two hundredths

Google: "number to word form" and look for the Calculator Soup link to check your answer

**Expanded Form & Fraction Form**  
 $30 + 1 + 0.4 + 0.02$   
 $31.42 \Rightarrow 31 \frac{42}{100} = 31 \frac{21}{50}$   
~ or ~  
 $\frac{3142}{100} = \frac{1571}{50}$

31.42

Decimals up to 99.99

Place Value

Dollars and Coins

**Word Form**  
three hundred fourteen thousand seven hundred fifty eight

**Expanded Form**  
 $300,000 + 10,000 + 4,000 + 700 + 50 + 8$

314,758

Number Selection: 1,000 to 1,000,000

Place Value

Rounded to...

**Word Form**  
three - fourths

**Model**

$\frac{3}{4}$

Fractions up to tenths

$\frac{3}{4} =$

$\frac{6}{8}, \frac{15}{20}, \frac{75}{100}$

Equivalent Fractions

On the Number Line

**Word Form**  
three - fourths

**Multiply & Divide It!**

$\frac{3}{4} \cdot \frac{2}{3} = \frac{3 \cdot 2}{4 \cdot 3} = \frac{6}{12} = \frac{1}{2}$

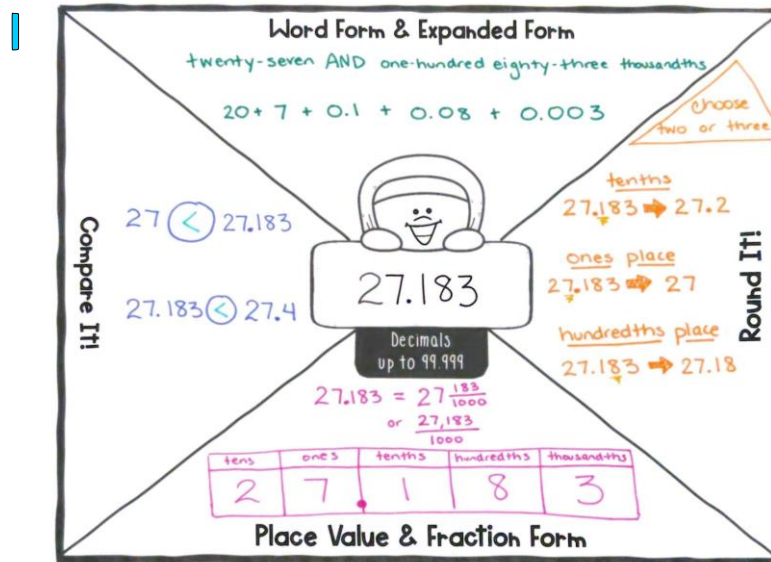
$\frac{3}{4} \div \frac{2}{3} \Rightarrow \frac{3}{4} \cdot \frac{3}{2} = \frac{9}{8}$

$\frac{3}{4} > \frac{1}{2}$     $\frac{3}{4} < \frac{9}{8}$

Comparison

Decimal Form

# SAMPLES

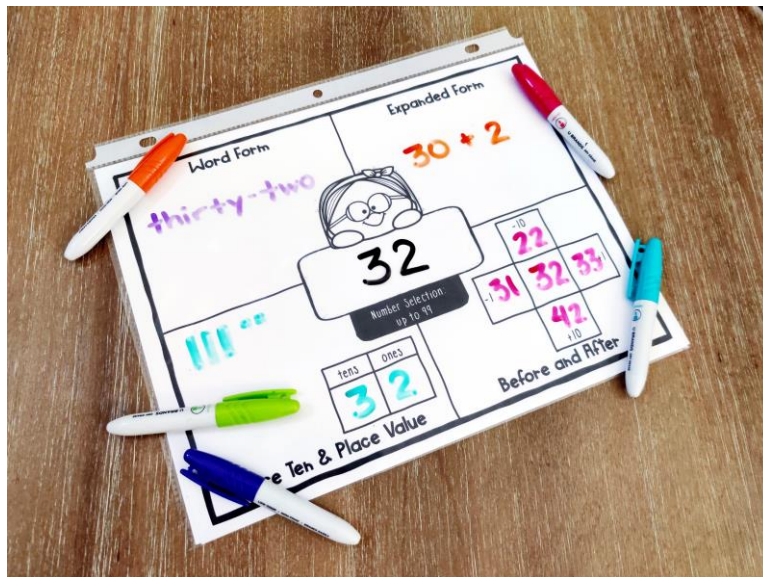


FOR INDIVIDUAL PRINTABLES OF ANY OF  
THE SAMPLES, VISIT MY TPT STORE.

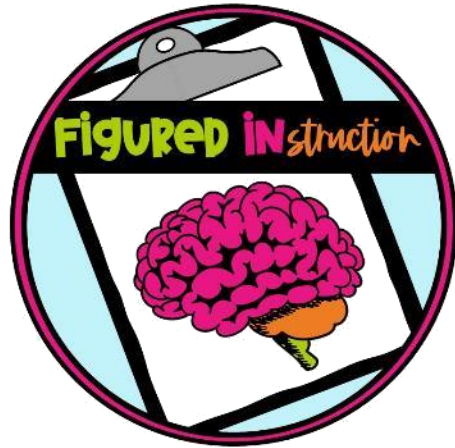


# OPTIONS

TO SAVE PAPER, PRINT ONE AND PUT IT INSIDE OF A SHEET PROTECTOR, ZIPLOC BAG OR LAMINATE.



Many classes have students fold paper and draw similar mats. If you do not have a printer, find the mat applicable to your student's needs and have them fold a paper into fours, copy down the titles of each quadrant and draw a box in the center for the number.



# THANK YOU

Thank you for trying out this resource. I hope you find it beneficial and will consider following my store on TPT. This is intended as an extension/supplementation of the Daily 5 Framework created by Gail Boushey and Joan Moser. For more information, search The Daily 5: Fostering Literacy in the Elementary Grades

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