

DECIMAL TASKS

SAMPLE

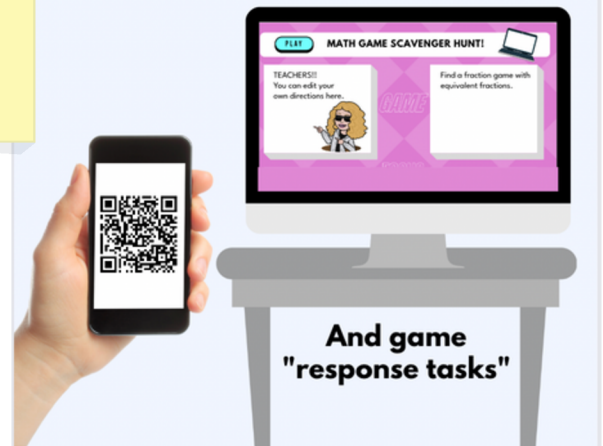
Here is a sampling of some of the Math Viking Freebies from the last year or two. There are more available on the Math Viking Facebook Page. Don't miss BEAT THE TEACHER or PICO FERMI!! Can't find them? **Email me: themathviking@gmail.com**

GRAB THESE FREEBIES



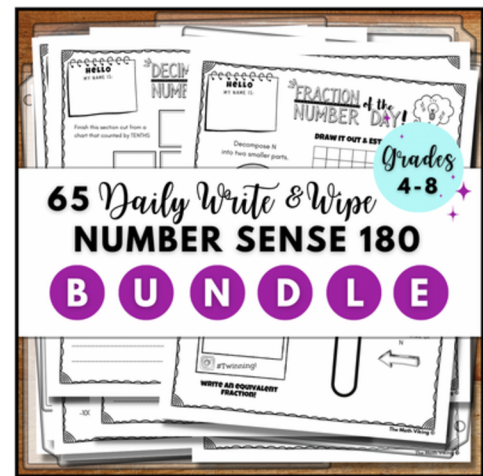
kristinevenneman

FREE INTERACTIVE MATH GAMES



The next 5 pages are excerpts from the Decimal Template portion of the Number Sense 180 Bundle. They are a little larger than a worksheet so they work great in sheet protectors with markers to write and wipe. They are visual and conceptual and build number sense and mental math skills with ENGAGING repetition.

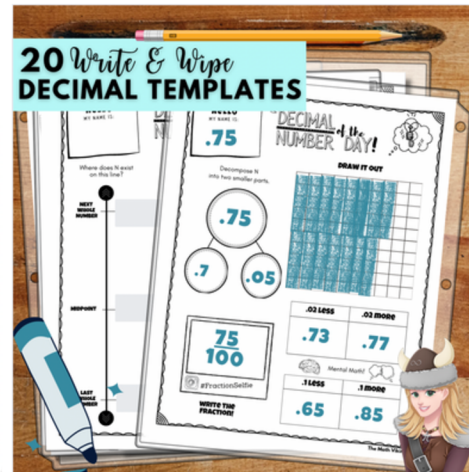
Repetition builds understanding! But repetition without buy-in builds resentment. Check this out!



Print out the entire packet and keep in a binder or folder.

"DO NOW" or "BELL RINGER" DAILY WRITE & WIPE:

Students place in a page protector (write/wipe) for a couple of days and I decide when to have them remove it and do a "collect & correct." Some students will repeat the same template... or a similar one WITH THE SKILL or IDEA they need to develop.



Number of
the Day
Station

CENTER/ACTIVITY:

Use a different template as a center activity for the skill of the day. Sometimes I write the number of the day on them before I make the copies.



NUMBER CHOICE:

Consider allowing student choice with NUMBER of the DAY as well! Notice if students always choose the easier option. (Ideas on the next page)

MYSTERY NUMBER:

Consider offering clues about the day's number instead of giving it up! This is one of the most effective ways to build vocabulary & confidence with math symbols and expressions. Sometimes I like to have only one possible answer for N. Sometimes I want many or at least a few. If there is extra time at the end of class, kids can compare their answers. (Samples on the next page.)

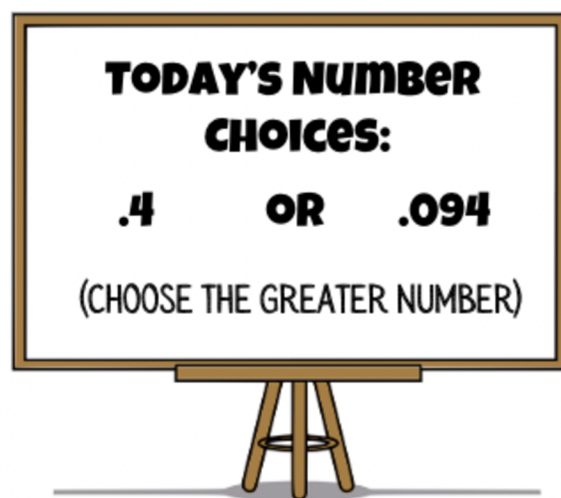
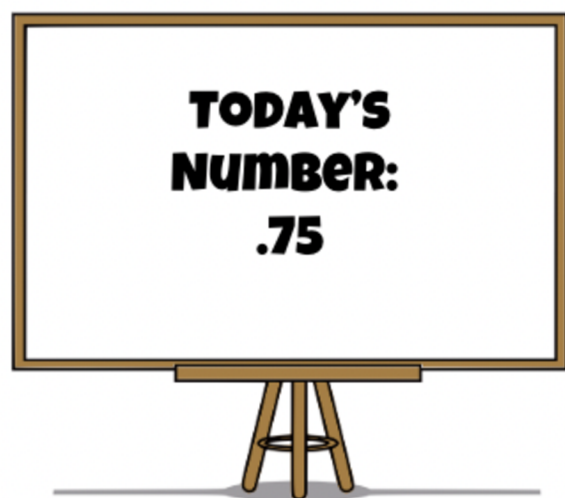
INTERVENTION OPTIONS:

Choose the most appropriate template for intervention groups. Have students select numbers they are most confident with and go from there. Switch templates as needed, but return to earlier versions too.

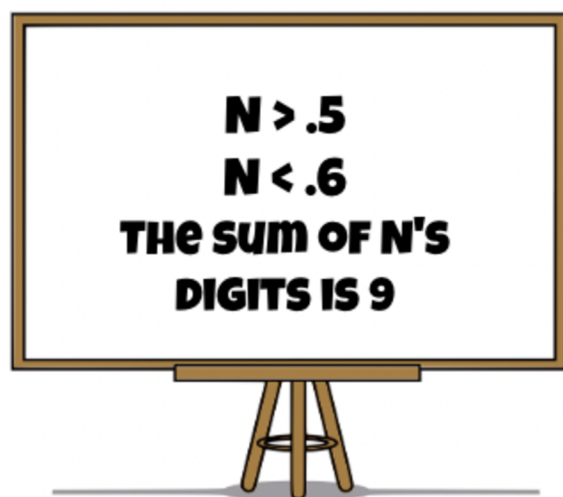
NUMBER OF THE DAY

WRITE & WIPE TEMPLATES

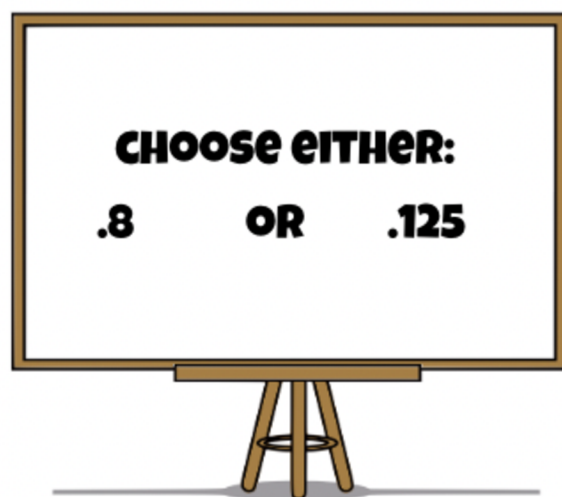
Sophisticated thinking routines
for your upper elementary or middle school classroom.



Some ways to provide the daily number:



Build confidence with vocabulary
and comfort with variables!



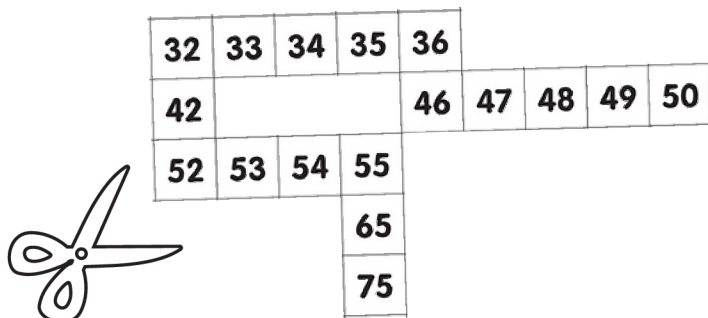
Easiest. Differentiation. Ever.

COUNTING BY TENTHS OR HUNDREDTHS.

This is a hundred chart. It is a number line (counting by ones) and cut off every ten numbers and stacked to show number patterns.

If we cut out randomly shaped pieces, you can figure out the rest, as long as you have one number and you understand what the original chart shows.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120



We could make the same chart counting by TENS or even TENTHS or HUNDREDTHS.

.7				
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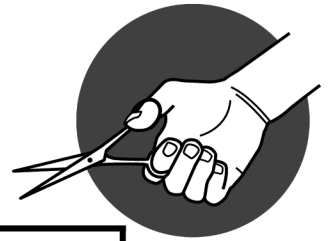
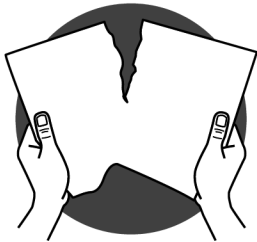
Finish this section cut from a chart that counted by TENTHS

HELLO
MY NAME IS:

DECIMAL of the DAY! NUMBER DAY!

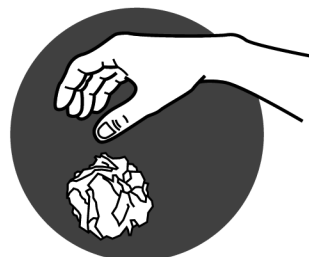


Number Chart Jigsaw puzzle!



Put the number of the day here and complete the chart as if it was cut out of a number chart.



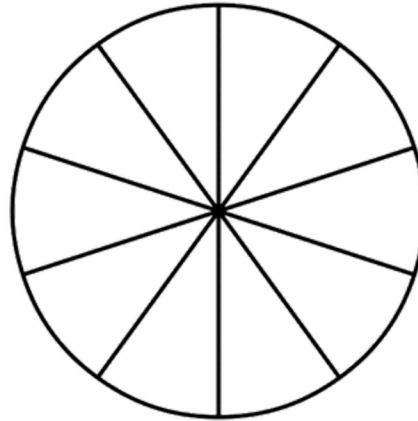


HELLO
MY NAME IS:

DECIMAL NUMBER of the DAY!



Where does N exist
on this line?



Shade in the
estimated
value of N

**NEXT
WHOLE
NUMBER**

MIDPOINT

**LAST
WHOLE
NUMBER**

POWERS OF 10

_____ is $\frac{1}{10}$ of this number

_____ is 10X this number

Write another decimal number
and a fraction number that are
also equivalent to N.

=

=

HELLO
MY NAME IS:

DECIMAL NUMBER of the DAY!



**SKIP COUNT BY THIS NUMBER 10 TIMES
STARTING FROM ZERO.**



**WRITE AN EQUATION FOR
THE OPERATION SHOWN ABOVE!**

Round **N** to the nearest tenth.

A simple rectangular box with a black border, intended for the student to write the rounded value.

Round **N** to the nearest hundredth.

A simple rectangular box with a black border, intended for the student to write the rounded value.

POWERS OF 10



_____ = 10 times N

_____ = 100 x N

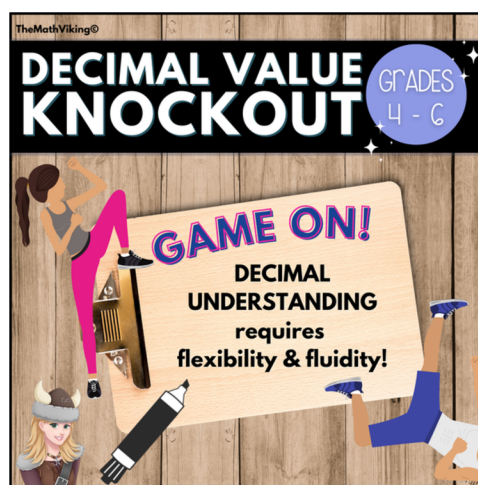
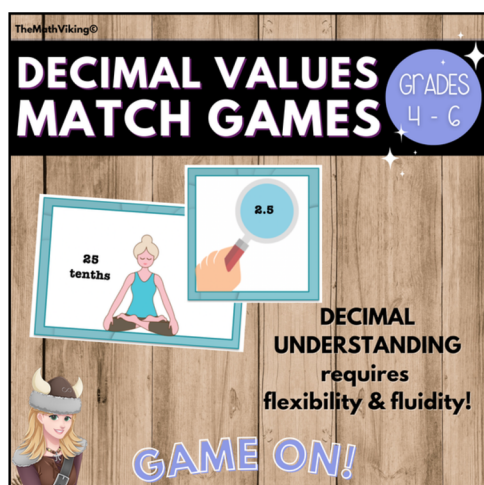
The next 4 pages are from the Math Viking Enrichment Bundle. There are puzzles and riddles and creative tasks and open-ended tasks and area mazes and shape puzzles and they hit fractions, decimals, integers, algebra, area and more. Many teachers have found that they use some of them for all students – but there are plenty of challenges for your advanced students. There are over 250 tasks to:

- Use as printable packets for your most confident students
- Use some tasks in a fast finisher task basket
- Use some tasks for ALL learners.

There are also blank templates to challenge learners to create their own riddles, puzzles, WODB, math mobiles etc...



Here are a few more fun decimal activities to build number sense!



Name: _____

**Mystery
Number
(N)**

The difference of the
numerator and the
denominator is 21.

N=

The numerator is
 $\frac{1}{8}$ of the
denominator.

Use the clues to
solve for N.
Then **WRITE THREE**
additional clues!

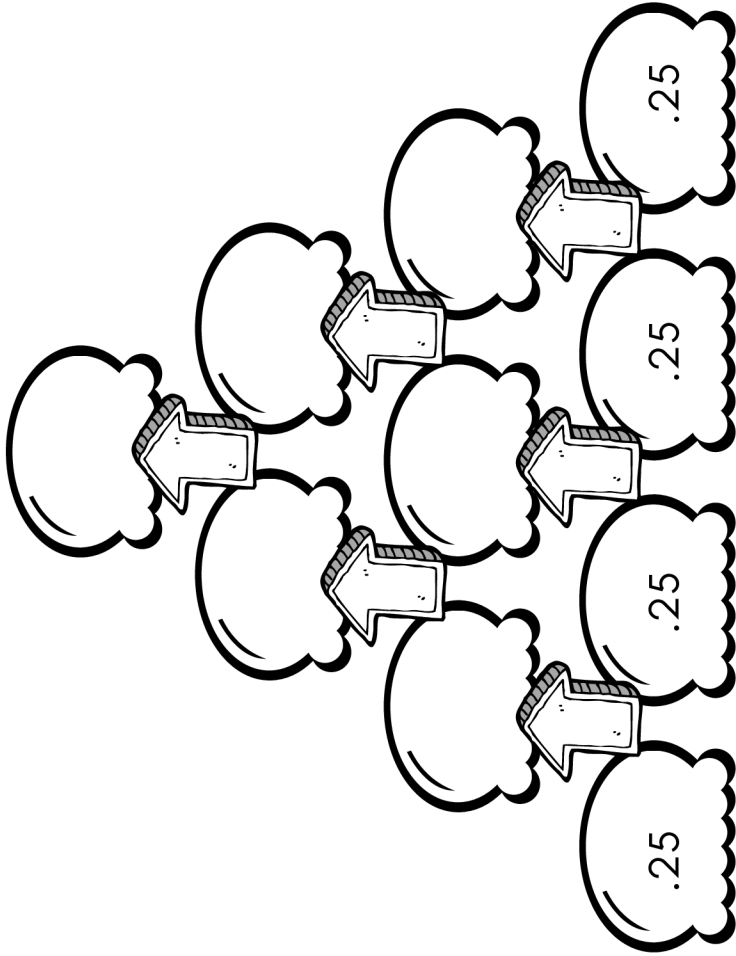
N is equivalent to
 $\frac{45}{360}$



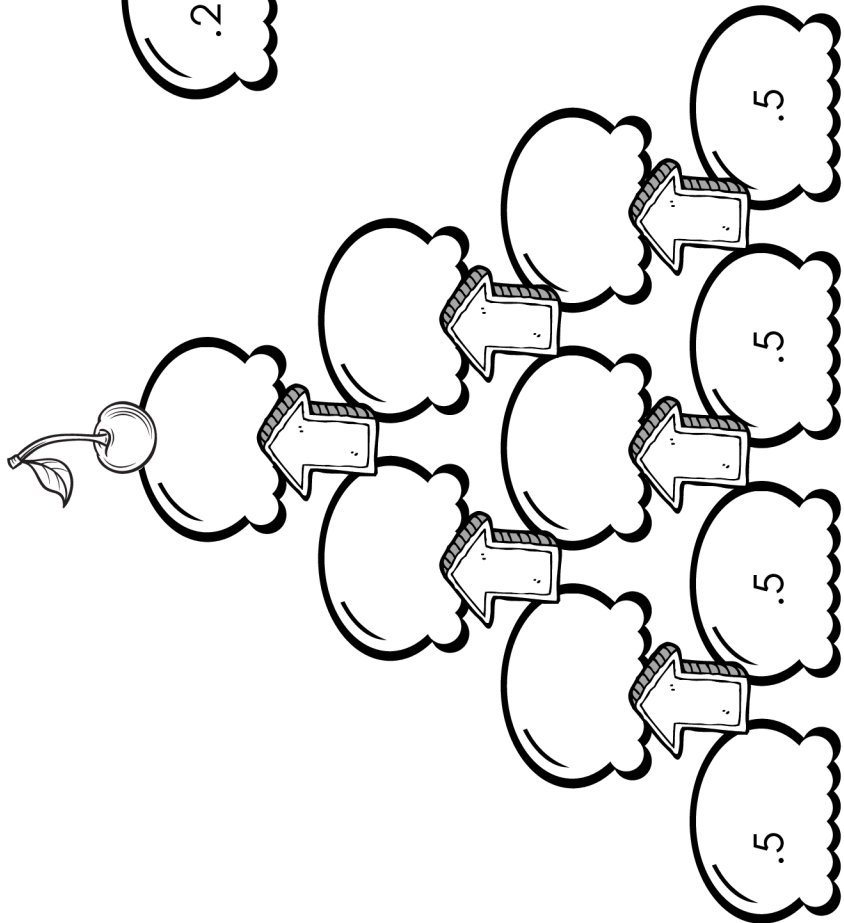
Name: _____

P₃ U₁ Z₁₀ Z₁₀ L₁ E₁

"Calories are additive."

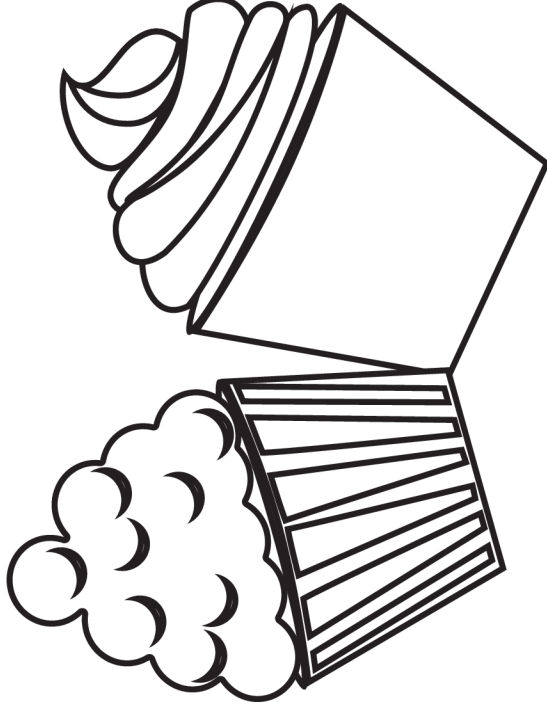


What do you notice about the numbers used?



Name: _____

**The answer is $\frac{3}{8}$.
What is the question?**



Name: _____

pull your WEIGHT

Determine the weight of the objects. Tell how you decided.



=



=

7.2 kg



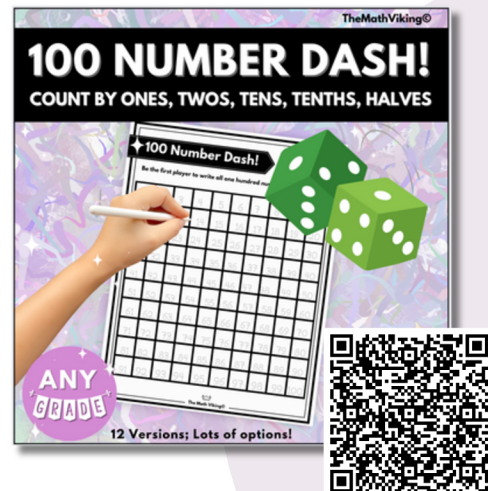
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***Sharing with your own students via a closed Google Classroom is always permitted.**

This will be your kids' favorite game!

It is a high energy way to build fraction and decimal number sense AND it is so easy to differentiate-- with no effort at all.

I include lots of "rolling rules" to make them practice simple addition/subtraction/ multiplication etc...



Place Value Board Toppers

BILLIONS			MILLIONS			THOUSANDS			ONES			DECIMAL VALUES		
hundred millions	ten millions	one million	hundred millions	ten millions	one million	hundred thousands	ten thousands	one thousand	hundreds	tens	ones	tenths	hundredths	thousandths
7	3	4	9	8	7	6	5	4	3	2	1	.1	.01	.001

Check it out Here!



02/20/2021 | Bonnie F.

100 Number Dash! 100th Day Counting & Skip Counting Gam...

This has been a "game changer" - pun intended. Students really love to play it and it's helped so much with understanding fractions. We will be adapting the game to use in the various other ways you've provided. Thank you!

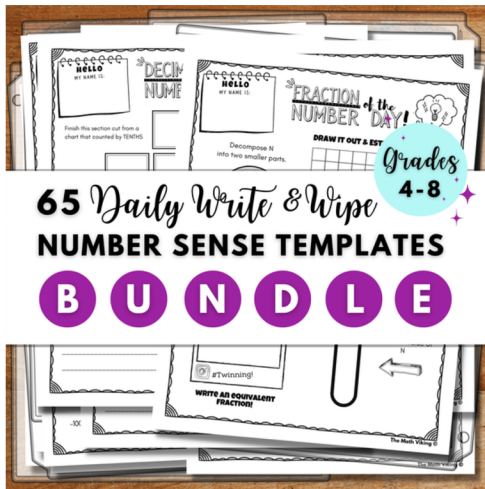
01/14/2021 | Amber B.

100 Number Dash! 100th Day Counting & Skip Counting Gam...

My students had so much fun playing this game. I love how you can adapt it to different levels and skills.

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**Build Number Sense with 180 Days Of:
Engaging! Visual! Conceptual! Differentiated!
Number of the Day
Write & Wipe Tasks**

★★★★★ Extremely satisfied

I am so delighted with this collection. As a homeschooling mom of multiple children, I've found it incredibly difficult to find high quality educational materials. Thank goodness for Kristine! Her products have been a wonderful addition to our schooling material and greatly enhanced the math skills & proficiency of my kiddos.

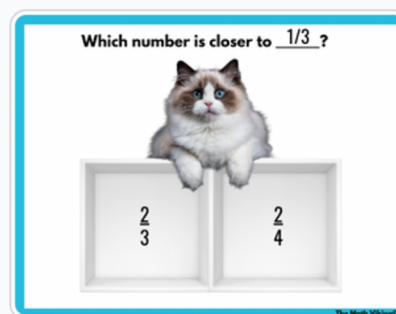
★★★★★ Extremely satisfied

This is a great resource as we work with fractions. It can be customized to be just what we need.



★★★★★ Extremely satisfied

I love this resource and the ease with which I can use it with my students! It is engaging and helps deliver content in such a way that my students enjoy learning.



Editable Slides! Teaching Tips Included!



**Daily Fraction
Number Sense
Routine Templates
for Grades 3-6**

