

MATH INTERACTIVE

NOTEBOOK

MATH INTERACTIVE JOURNAL

NUMBERS AND OPERATIONS IN BASE TEN

2.NBT.A.1, 2.NBT.A.2, 2.NBT.A.3, 2.NBT.A.4, 2.NBT.B.5, 2.NBT.B.6, 2.NBT.B.7, 2.NBT.B.8, 2.NBT.B.9



2ND GRADE

Exit Ticket: Use the following numbers to make the largest and smallest numbers possible:
5, 8, 3
Largest Number: _____
Smallest Number: _____
How did I do? 😊 😐 😞

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2.NBT.A.1 The numbers 100, 200, 300...refer to one, two, three... hundreds (and 0 tens and 0 ones).

H T
H T
H T

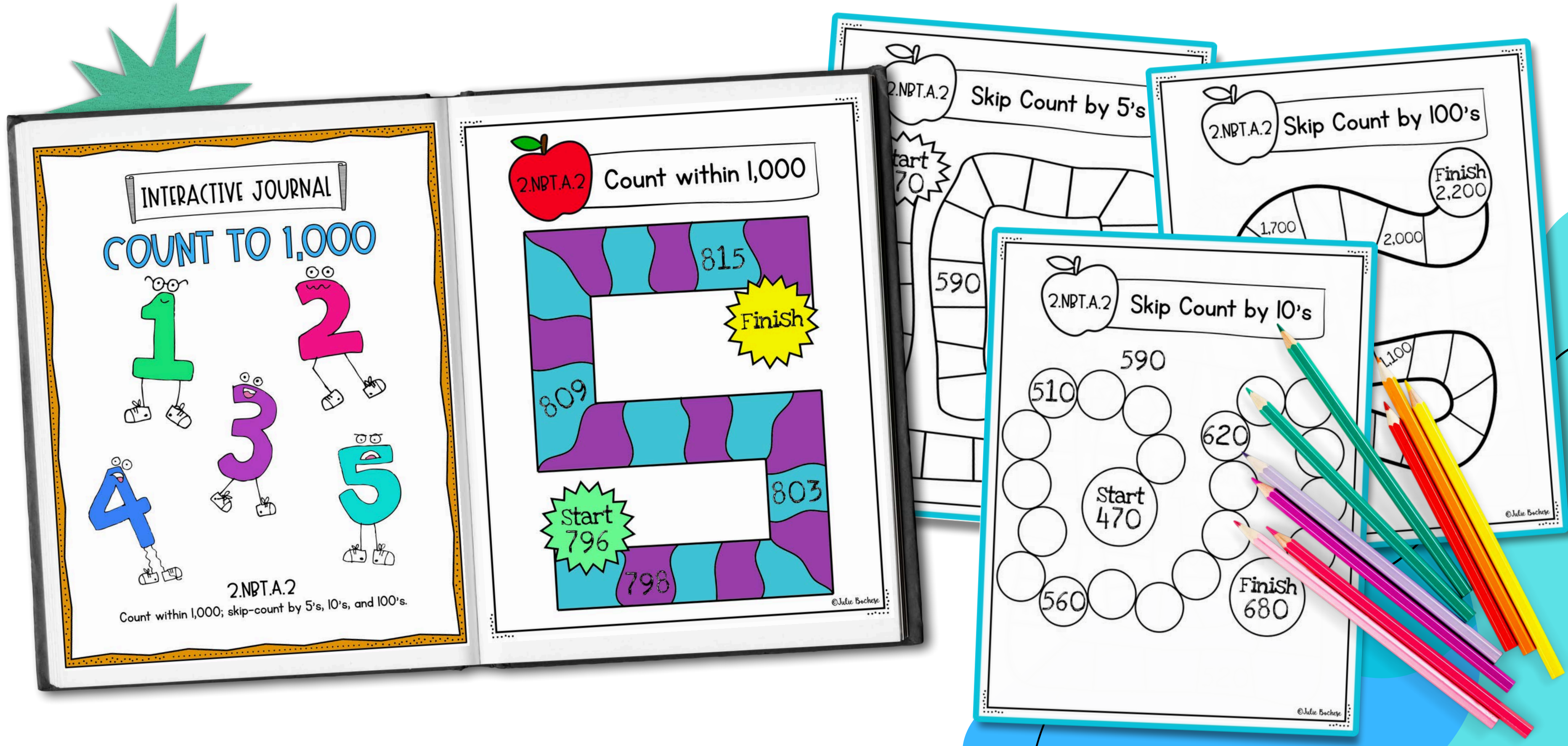
A diagram showing base ten blocks and human figures. A large grid block is shown next to two human figures holding up stars, representing hundreds and tens. Two smaller grid blocks are shown next to two human figures holding up stars, representing tens and hundreds. Three small grid blocks are shown next to one human figure holding up a star, representing hundreds and tens.

2.NBT.A.1 I understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones.

Hundred
Bundle
Ten
Digit

A diagram showing base ten blocks and human figures. A large grid block is shown next to a bundle of ten rods, representing hundreds and tens. A single rod is shown next to a human figure holding up a star, representing tens and ones. A single unit cube is shown next to a human figure holding up a star, representing ones and tens.


Print and Go: Low Prep Interactive Journal



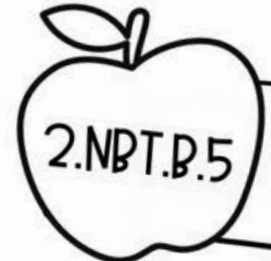
VISUALS AND ANCHOR CHARTS TO INTRODUCE TOPICS

INTERACTIVE JOURNAL

ADDING AND SUBTRACTING TO 100



2.NBT.B.5
I can fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.



2.NBT.B.5 I can fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.

STRATEGIES FOR ADDING AND SUBTRACTING TO 100 EFFICIENTLY

Hundreds Chart

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

To add ones on hundreds chart move right. →
To subtract ones on a hundreds chart move left. ←
To add tens on a hundreds chart move down. ↓
To subtract tens on a hundreds chart move up. ↑

Decomposing Numbers

1. Break apart the tens and ones.
2. Add the tens together
3. Add the ones together
4. Add the sum of the tens and ones to get your final answer.

$$\begin{array}{r} 56 + 23 = \underline{\quad} \\ 50 + 6 \\ 20 + 3 \\ \hline 70 + 9 = 79 \end{array}$$

Standard Algorithm

$$\begin{array}{r} 56 \\ + 23 \\ \hline 79 \end{array} \quad \begin{array}{r} 79 \\ - 23 \\ \hline 56 \end{array}$$

1. Add or subtract the ones place.
2. Regroup if necessary.
3. Add or subtract the tens place.

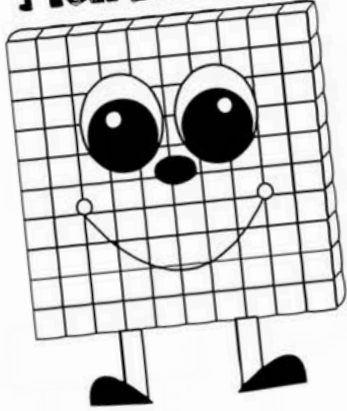
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Standards Aligned: Pages for each standard




2.NBT.A.1 I understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones.


Hundred



Bundle

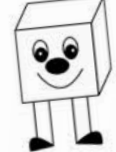


Ten



Digit

28



One

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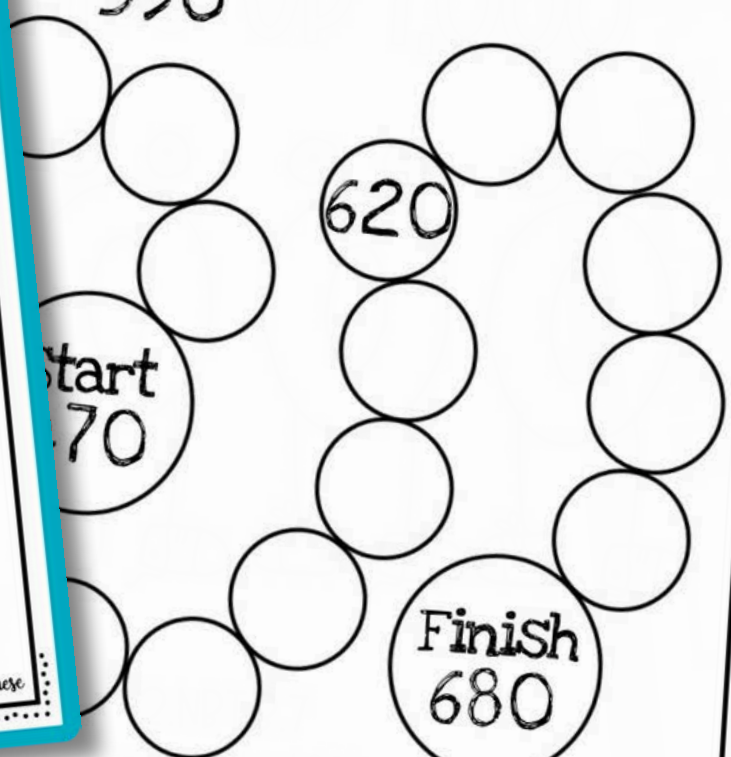
2.NBT.A.2 Skip Count by 10's

Start 70

590

620

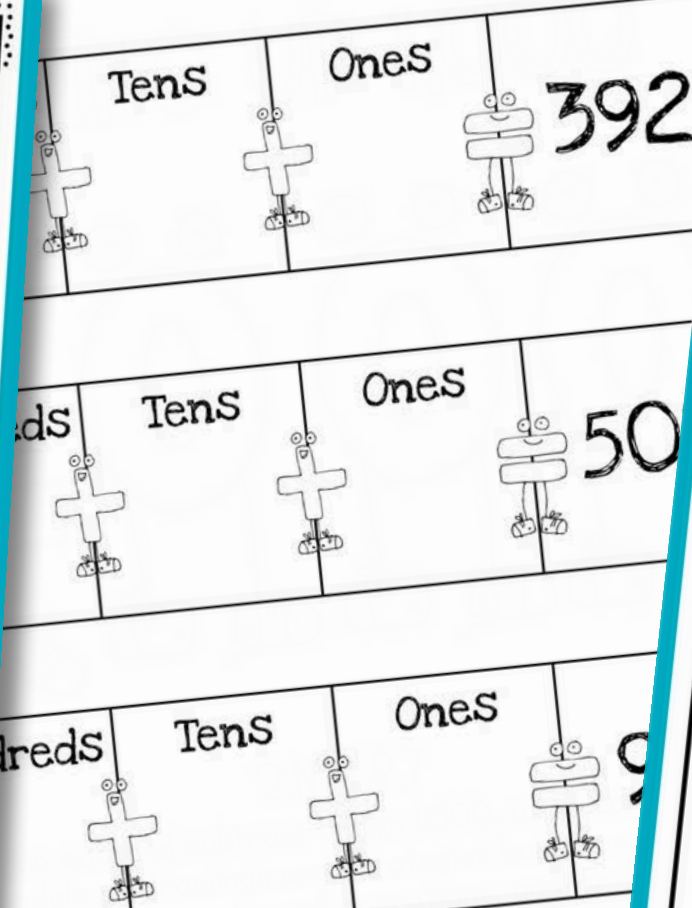
Finish 680



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2.NBT.A.3 Expanded Form

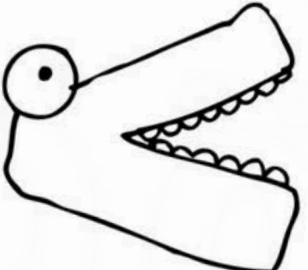
Tens	Ones	392	
ds	Tens	Ones	50
reds	Tens	Ones	9



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2.NBT.A.4 I can compare two three-digit numbers based on the meanings of the hundreds, tens, and ones digits, using $>$, $=$, and $<$ symbols to record the results of comparisons.

Meet Ali the Alligator. She loves to eat numbers. She always eats the biggest number.

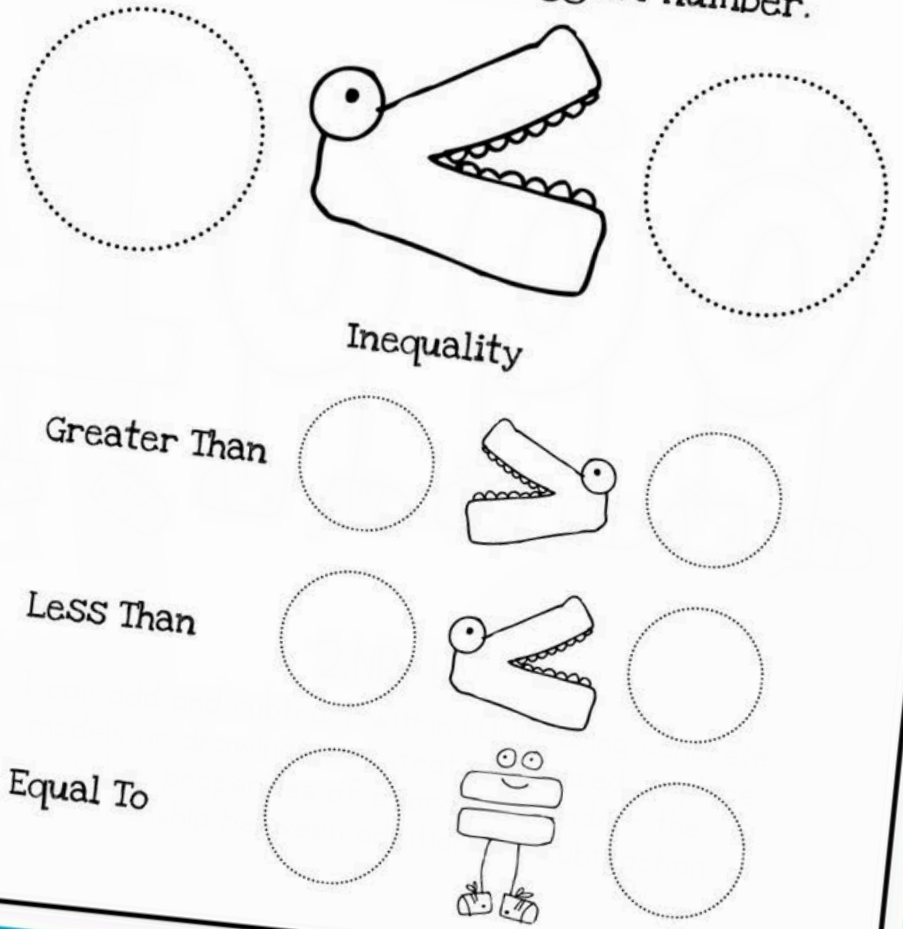


Inequality

Greater Than

Less Than


Equal To



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Exit Tickets for Every Standard

Exit Ticket: 

Write the numbers represented below:

800+7 _____

Three hundred fifty-two _____

693 (expanded form) _____

How did I do? 😊 😐 😞

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800+7 _____

Three hundred fifty-two _____

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Smallest Number: _____

How did I do? 😊 😐 😞

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Exit Ticket: 


What number comes next?

150, 155, 160, 165, 170, _____

260, 270, 280, 290, _____

150, 250, 350, 450, _____

How did I do? 😊 😐 😞

Exit Ticket: 


What number comes next?

150, 155, 160, 165, 170, _____

260, 270, 280, 290, _____

150, 250, 350, 450, _____

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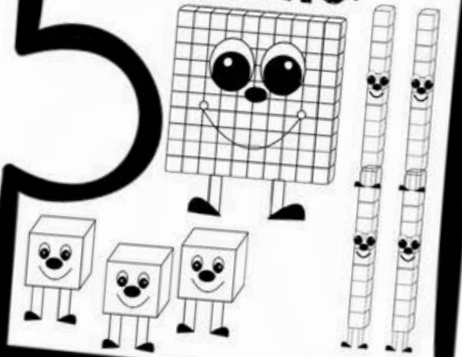
150, 250, 350, 450, _____

How did I do? 😊 😐 😞

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FUN, PRINTABLE ACTIVITIES

 2.NBT.A.3 Read and write numbers to 1,000 using base-ten


Standard Form:	Place Value Blocks: 
Expanded Form:	Word Form:

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INTERACTIVE JOURNAL

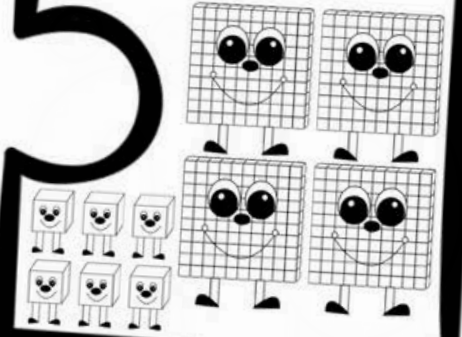
READ AND WRITE NUMBERS TO 1,000

$2+3=5$



2.NBT.A.3
Read and write numbers to 1,000 using base-ten numerals, number names, and expanded form.

 2.NBT.A.3 Read and write numbers to 1,000 using base-ten

Standard Form:	Place Value Blocks: 
Expanded Form:	Word Form:

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Intended to introduce each standard and serve as a student reference tool

INTERACTIVE JOURNAL

COMPARING NUMBERS

2.NBT.A.4
I can compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using $>$, $=$, and $<$ symbols to record the results of comparisons.

Equal To		Equal To	$300 + 50 + 3$
Greater Than	Symbol	Greater Than	Is Equal To
Less Than	$500 + 30 + 2$	Less Than	
Greater Than	Three hundred ninety-nine	Equal To	Nine hundred forty-six
Is Greater Than		Greater Than	Is Less Than
Less Than		Less Than	$900 + 8$

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Meet Ali the Alligator. She loves to eat numbers. She always eats the biggest number.

Inequality

Greater Than

Less Than

Equal To

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Exit Ticket: Complete the following inequalities:

_____ 938

$40 + 2$ _____ 642

5 _____ $600 + 80 + 9$

How did I do? 😊 😐 😞

Exit Ticket: Complete the following inequalities:

962 _____ 938

$600 + 40 + 2$ _____ 642

$700 + 6$ _____ $600 + 80 + 9$

How did I do? 😊 😐 😞

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Exit Ticket: Complete the following inequalities:

_____ 938

2 _____ 642

$700 + 6$ _____ $600 + 80 + 9$

How did I do? 😊 😐 😞

Exit Ticket: Complete the following inequalities:

962 _____ 938

$600 + 40 + 2$ _____ 642

$700 + 6$ _____ $600 + 80 + 9$

How did I do? 😊 😐 😞

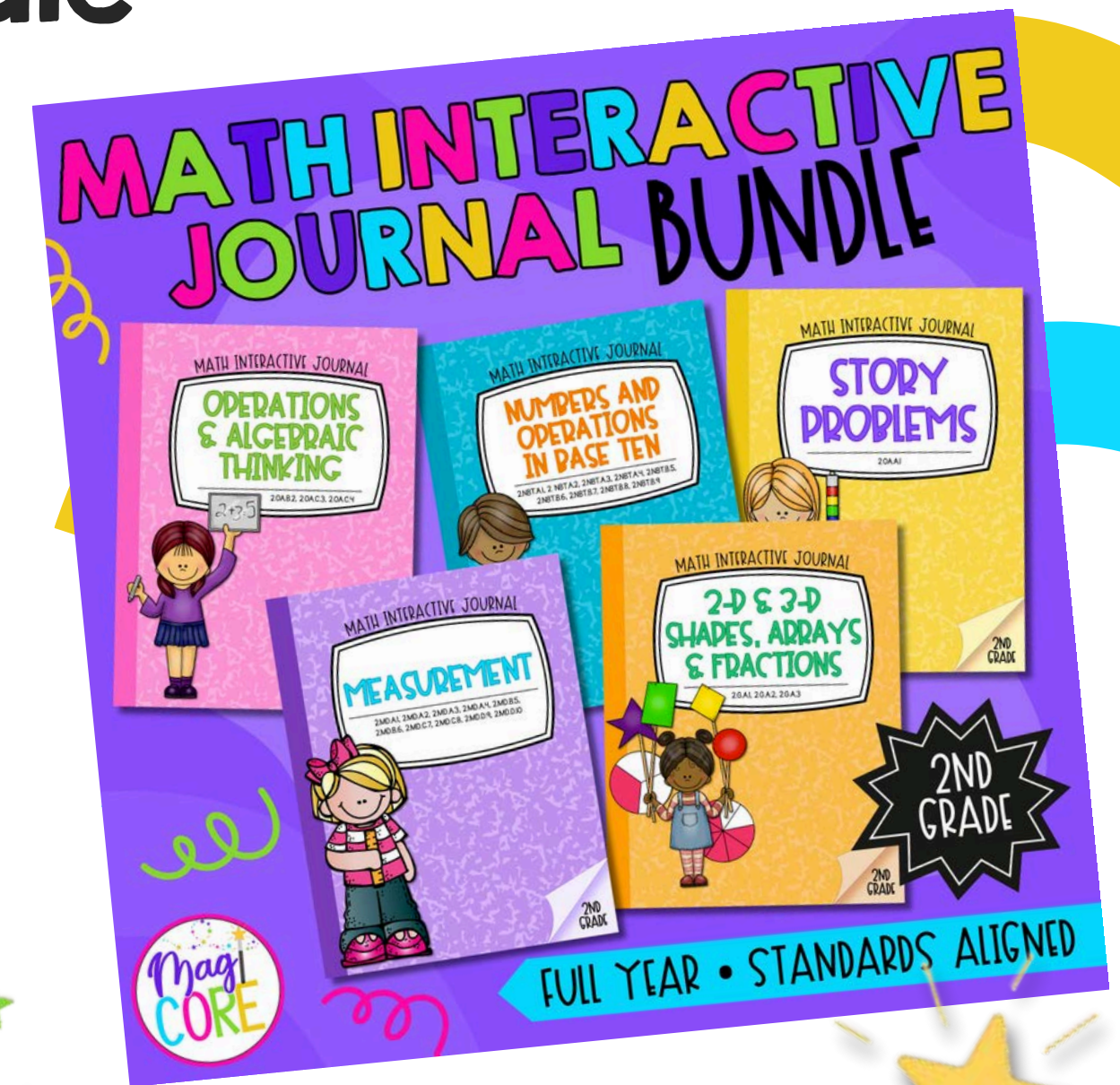
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WANT THE WHOLE SET?

Save and Bundle

"I used this resource with my students to provide a visual of what we have learned. It was helpful because I could refer back to a certain section for review if needed. Thank you!" - KC, Elementary Teacher

- Visuals, anchor charts, and practice for all math skills
- Build and use as a reference tool all year!



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