

COMPARING NUMBERS

1ST GRADE



Ali the Alligator



Hey, hey, hey, what do you say?
Ali the Alligator is hungry today!
And she munches on numbers yum yum me
But Ali only eats the larger one you see
Not the numbers that are less than or equal to
So, we have to compare every number at the zoo
If you pick the right one, she will open her mouth
Here are a few numbers let's try it out!

32 is greater than 18 you see
Ali is gonna be hap hap happy
41 is equal to 41
It is not more than, so she says uh uh
And 74 is less than 92
Ali won't eat that it just won't do

So now you know what Ali likes
Any greater number she'll take a bite
It's up to you to make sure Ali eats
And the larger numbers are her favorite treat
It can't be smaller or even the same
She is way too hungry to play that game
Let's compare more numbers and find her some food
Just look at them both and you know what to do

18 is less than 41
Ali turns her head and just sits in the sun
68 is greater than 29
Ali says oh please and eats all this time
And 81 is equal to 81
They are the same you know she's got

The number has always got to be greater
That's how you feed Ali the alligator



CCSS
ALIGNED
1.NBT.A.1

FLORIDA
B.E.S.T.
STANDARDS
MA.1.NSO.1.3

COMPLETE UNIT INCLUDES VIDEO SONG, ANCHOR CHARTS, WORKSHEETS, CENTERS, & ASSESSMENT





Ali the Alligator

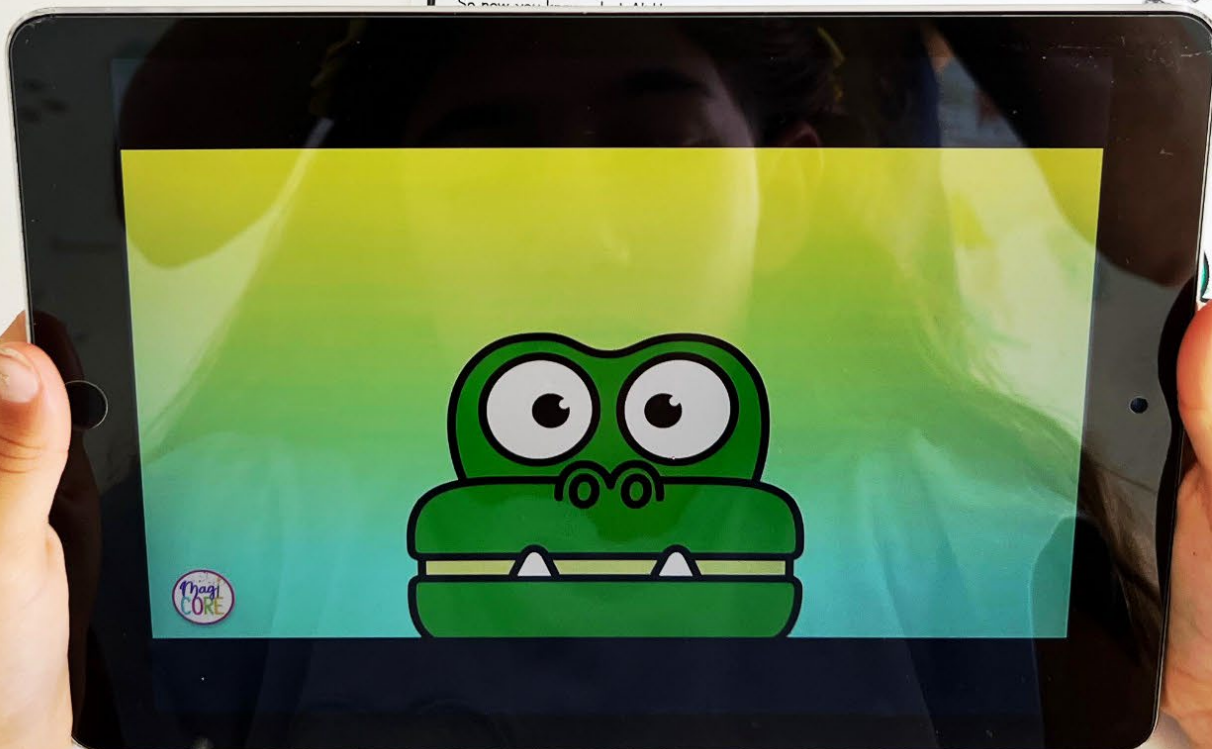


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But Ali only eats the larger one you see
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So, we have to compare every number at the zoo
If you pick the right one, she will open her mouth
Here are a few numbers let's try it out!

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Ali is gonna be hap hap happy
41 is equal to 41
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Ali won't eat that it just won't do



So now you know what Ali...



Original video and song!



Meet Ali the Alligator.
Ali loves to eat numbers.

©Julie Sochese

Circle the number that Ali would eat.



Ali is a hungry Alligator. She always wants to eat
the _____ (bigger/ smaller) number.

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Order Line

Order

Less Than

Greater Than

Enter The

Name: _____ Date: _____

Hungry Alligator

Directions: Draw the <, > or = symbol to complete the comparison.

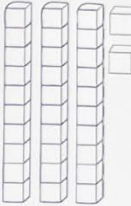
Name: _____ Date: _____

Hungry Alligator

Directions: Cut out the Alligator Pictures on the following page. Paste them in the circles to show which number she would want to eat.

1. 11		35	6. 97		98
2. 3		13	7. 70		58
		78	8. 45		54
3. 68		81	9. 60		29
5. 99		19	10. 18		13

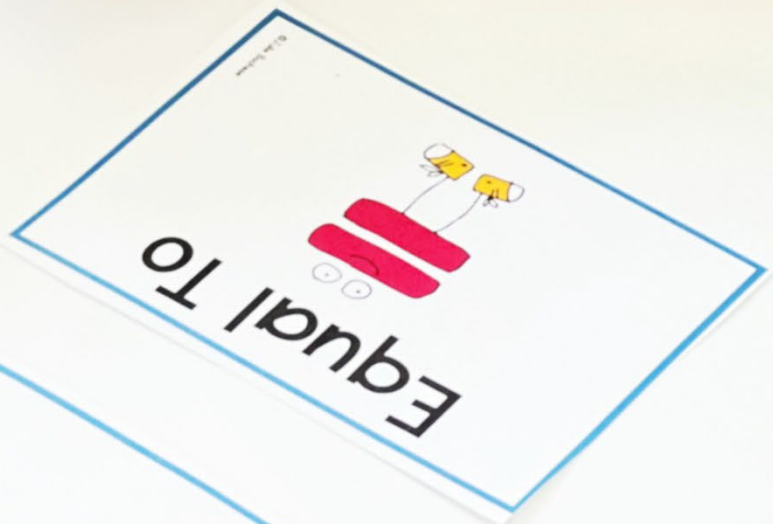
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4. 

5. 

6. 







No Greater Uncle

A Math Read-Aloud Skill Story



Uncle Dave and Anika squeezed when
look on it was under. An old box with a combination
pirate costume. An old box with a combination
bounced around as he looked at them.

"Are you the landlubber who
agreed to help me open this here treasure?"
The fluffy feather on Uncle Dave's pirate hat
goodbye.

"That's all right, Anika. I'll be right back."
Uncle Dave took their backpacks and dropped them by the house after giving their mom a wave.



happens. I received three clues today to unlock the box. "It's just as
about what treasure he wishes. The clues have some tricky math."

"We have math, Uncle Dave. I fear we will never
solve."

Uncle Dave and Anika were on the water.
Pirate in the hang room and looked to find it in the
locked up in yellow room and looked to find it in the
treasure chest. Uncle Dave and Anika were on the water.

STEP AND SOLVE
The story is the first step. The second step is to solve the problem.

That's what you'll do. "Uncle Dave, I'll be right back."
Anika continued reading. "The answer is 100. The answer is 100."

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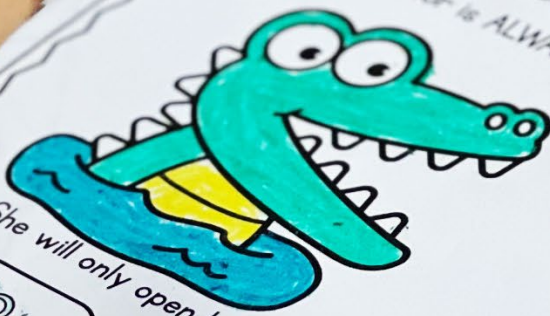
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That's what you'll do. "Uncle Dave, I'll be right back."
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STEP AND SOLVE
The story is the first step. The second step is to solve the problem.

Comparing Numbers

To compare numbers, look to see if the number is greater than or less than another number. All the alligator is ALWAYS hungry. She wants to eat the larger number.



She will only open her mouth for the larger number!



18

18 is greater than 18.

41



41

41 is equal to 41.

68

29

68 is greater than, less than, or equal to 29.

81

81 is

to 81.



number!

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COMPARING Numbers

1. Pedagogy
2. Lesson Plans
3. Vocabulary Cards
4. Ali the Alligator: Song & Video
5. Anchor Chart
6. Read Aloud: No Greater Uncle
7. Which Number is Greater?
8. Which Number is Less?
9. Comparing Numbers Mini Book
10. Hungry Alligator Cut & Paste
11. Hungry Alligator Place Value Blocks
12. Problem Solving
13. Quiz
14. Ordering Numbers (Required for FL B.E.S.T., extension for CCSS)
15. Greater Than, Less Than, Equal To Center

Comparing Numbers

Comparing numbers is understanding what is more than, less than, or equal to a certain number. Comparing numbers involves understanding how to order numbers. We use this skill in everyday life to determine if we have a large enough amount of something. For example, if I have 3 kids and 5 cookies, do I have enough cookies for everyone?

Comparing numbers is a skill that helps build students' number sense and understanding of place value. Before this skill, students must understand numbers and their value. Students should first be able to build numbers they are working with. For example, if students are working on comparing 22 and 28, students should understand what each number is composed of, or use manipulatives and objects to represent the numbers. Another helpful tool when comparing and ordering numbers is a number line. The number that is greater than another would be further on the right. Always use concrete methods such as manipulatives before moving to more abstract methods such as number lines or just numbers.

* First Grade Compare Numbers *

Day 1: Learn how to compare numbers based on their value.

Mini Lesson: Introduce the purpose of the lesson today: to learn how to compare numbers based on their value.

- Show students the vocabulary cards. Tell students the meaning of each word.
- Begin by reading the comparing numbers story.

Guided Practice: As you read the comparing numbers story, stop to have students solve problems. Allow students to use manipulatives or base ten blocks to build numbers.

Independent Work: Students complete "Which Number is Greater?"

Closing: Review the meaning of key vocabulary words.

Day 2: Learn how to compare numbers based on their value.

Mini Lesson:

- Review the vocabulary cards.
- Introduce the Comparing Numbers anchor chart. Complete the examples on the anchor chart together.

Guided Practice: Introduce "Comparing Numbers Book". Read the entire book as a class.

Independent Practice: Students complete the book on their own.

* Day 3: Learn how to compare numbers based on their value. *

Mini Lesson:

- Review the vocabulary cards and Ali the Alligator anchor chart.
- Review the mini book from the previous day by selecting a student to share theirs.

Guided Practice: Work together to complete one page of "Hungry Alligator." Be sure to model problems with just numbers and problems with place value blocks.

Independent Practice: Students work on "Hungry Alligator" pages independently. Have students continue to work until they master this skill as you monitor, reteach, and work with students in small groups. This work may last 1-2 days.

Day 4: Learn how to solve real life comparing number problems.

Mini Lesson: Review the vocabulary cards and Ali the Alligator anchor chart. Tell students that we learn to compare numbers because this is a skill you can use in real life!

Guided Practice: Pose a real-life problem from the "Problem Solving" page. Model how to think and solve the problem. Complete one more problem as a group.

Independent Practice: Students continue working on "Problem Solving" pages.

Day 5: Show what you know!

Mini Lesson:

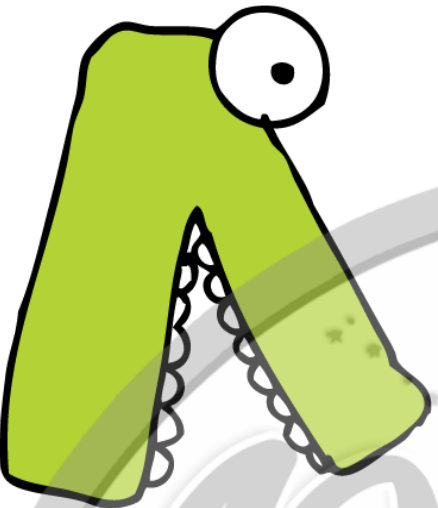
- Review the vocabulary cards and anchor chart.

Independent Practice: Students complete problem-solving pages until they have mastered this skill. Once students show they are ready, administer the comparing numbers quiz.

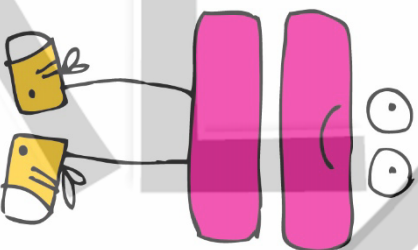
Greater Than



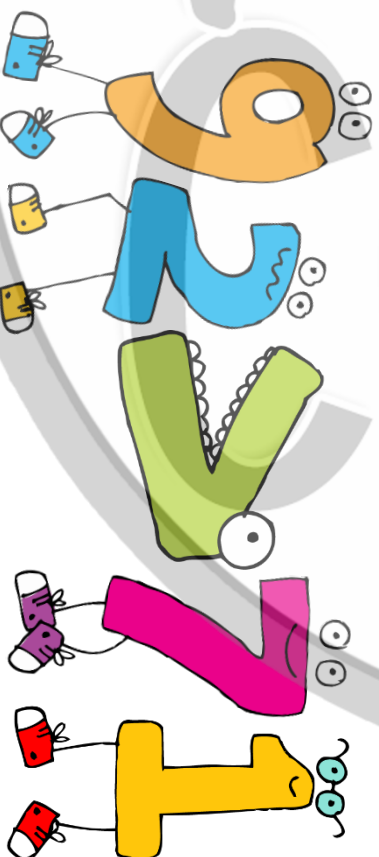
Less Than



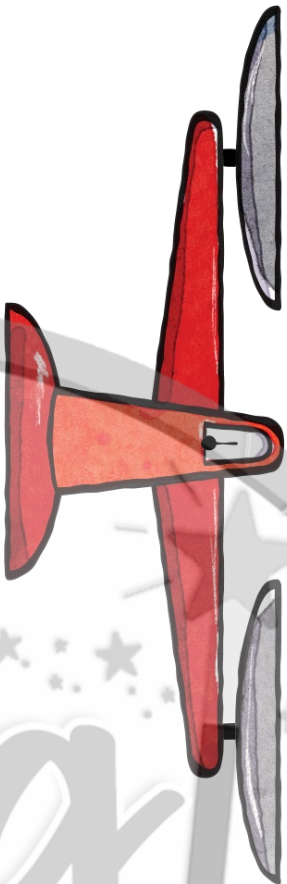
Equal To



Inequality



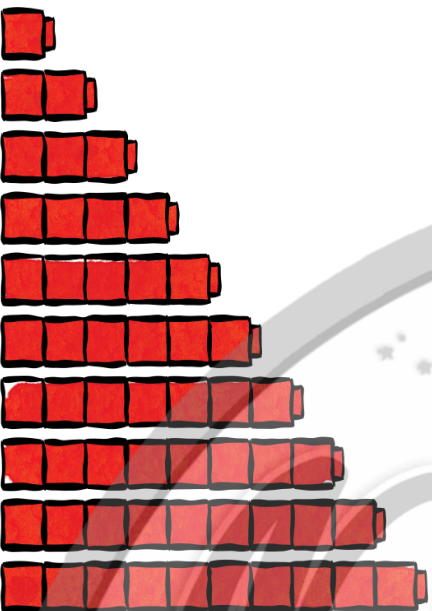
Compare



Number Line

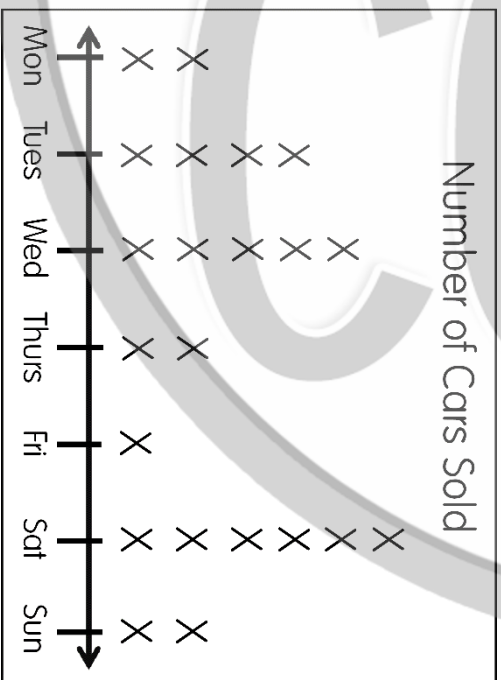


Order



Plot

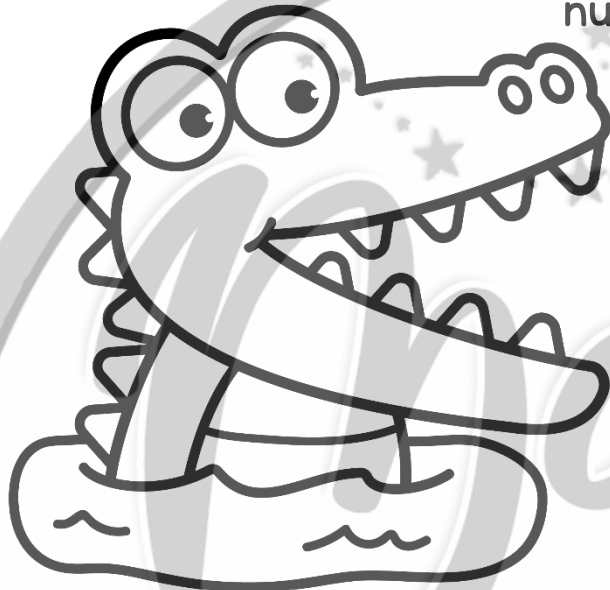
Number of Cars Sold



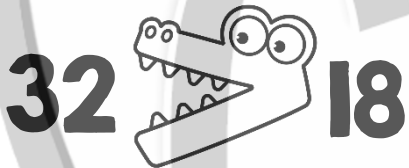
Comparing Numbers

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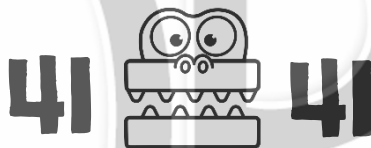
Ali the alligator is ALWAYS hungry. She wants to eat the larger number.



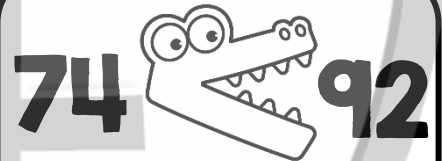
She will only open her mouth for the largest number!



32 is greater than 18.



41 is equal to 41.



74 is less than 92.

Write the greater than, less than, or equal to symbol below.

18 41

18 is _____ than 41.

68 29

41 is _____ than 41.

81 81

81 is _____ to 81.

No Greater Uncle

A Math Read-Aloud Skill Story

Samar and Anika squealed when Uncle Devi opened his front door. He wore a full pirate costume. An old box with a combination lock on it was under his arm, and the twins knew their day with their uncle was going to be another great adventure.



"Are you the landlubbers who agreed to help me open this here treasure?" The fluffy feather on Uncle Devi's pirate hat bounced around as he looked at them.

"That's us!" Anika tugged Samar into the house after giving their mom a wave goodbye.

Uncle Devi took their backpacks and dropped them by the couch. "It just so happens I received three clues today to unlock this box." He wiggled it, something shaking about inside. "Unfortunately, the clues have some tricky math in them. I fear we will never know what treasures lie within." He sighed dramatically.

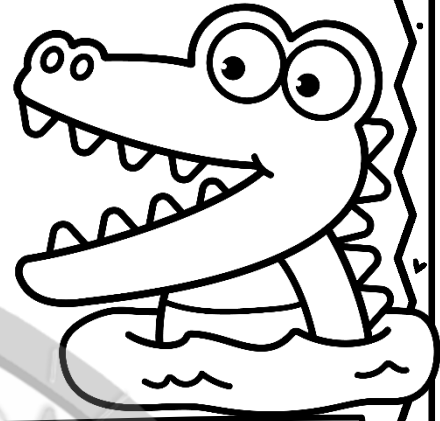
"We love math, Uncle Devi!" Samar knocked his knuckles on the box. "Let us see the clues."

Uncle Devi set the box on the coffee table in the living room and knelt in front of it. He picked up a yellowed scrap of paper from the table. Samar and Anika took spots on either side of their uncle, eager to see the first clue.



Name: _____ Date: _____

Which Number is Greater?



Directions: Circle the largest number.

1. 12 or 15

2. 18 or 21

3. 25 or 11

4. 38 or 50

5. 62 or 29

6. 91 or 65

7. 18 or 47

8. 80 or 50

9. 14 or 19

10. 92 or 90

11. 29 or 30

12. 99 or 79

13. 75 or 17

14. 53 or 38

Comparing Numbers Book



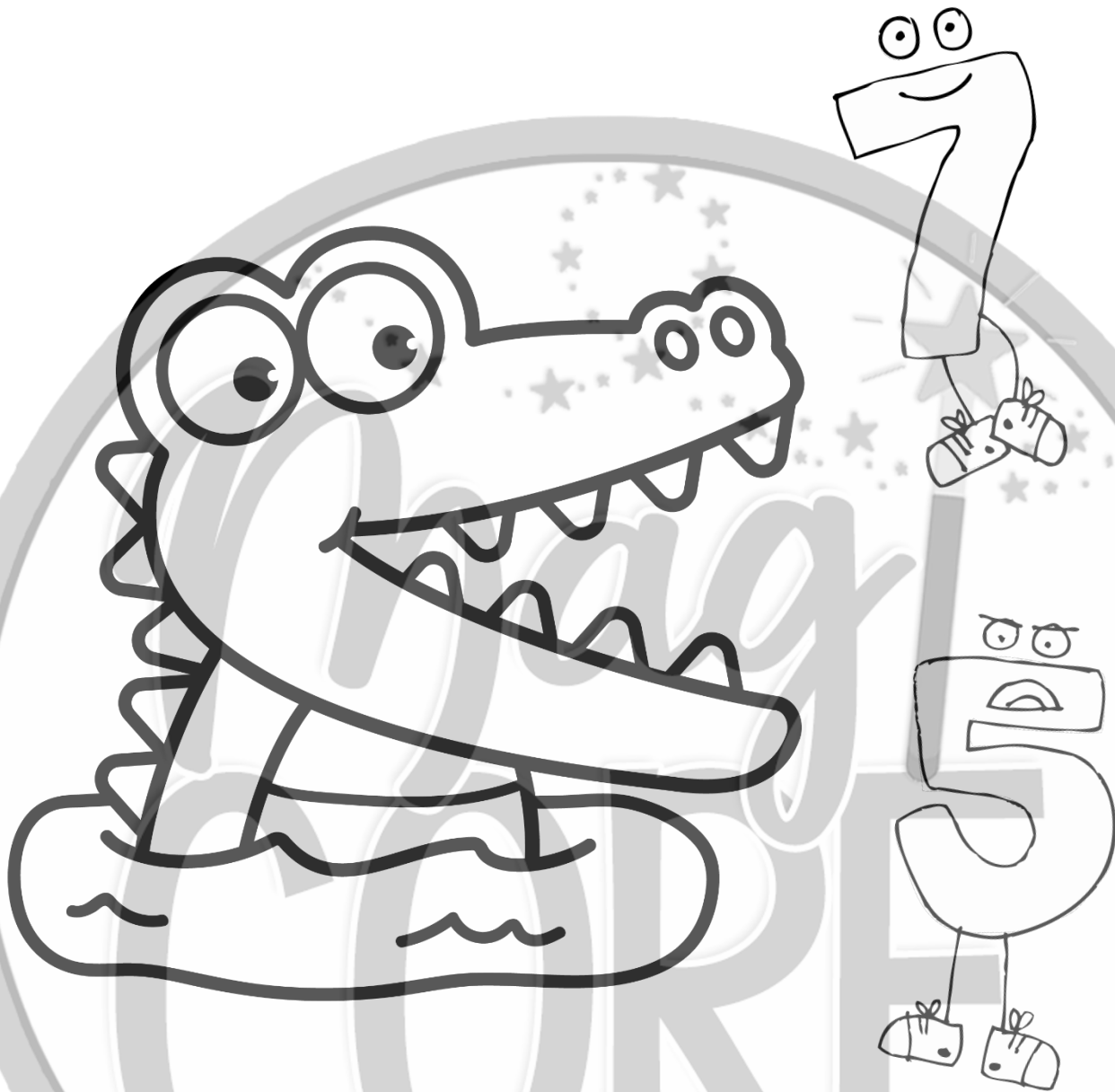
By : _____

Date: _____



Meet Ali the Alligator.
Ali loves to eat numbers.

Circle the number that Ali would eat.



Ali is a hungry Alligator. She always wants to eat
the _____ (bigger/ smaller) number.

Name: _____ Date: _____

Hungry Alligator

Directions: Cut out the Ali Pictures on the following page. Paste them in the circles to show which number she would want to eat.

1. 15



21

6. 17



20

2. 6



16

7. 50



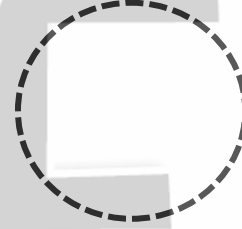
15

3. 71



57

8. 59



51

4. 90



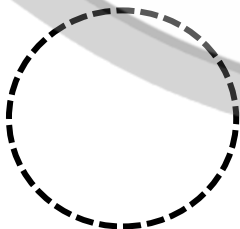
94

9. 33



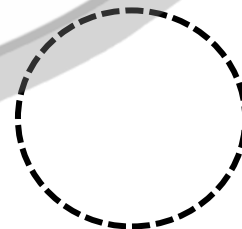
44

5. 86



79

10. 28

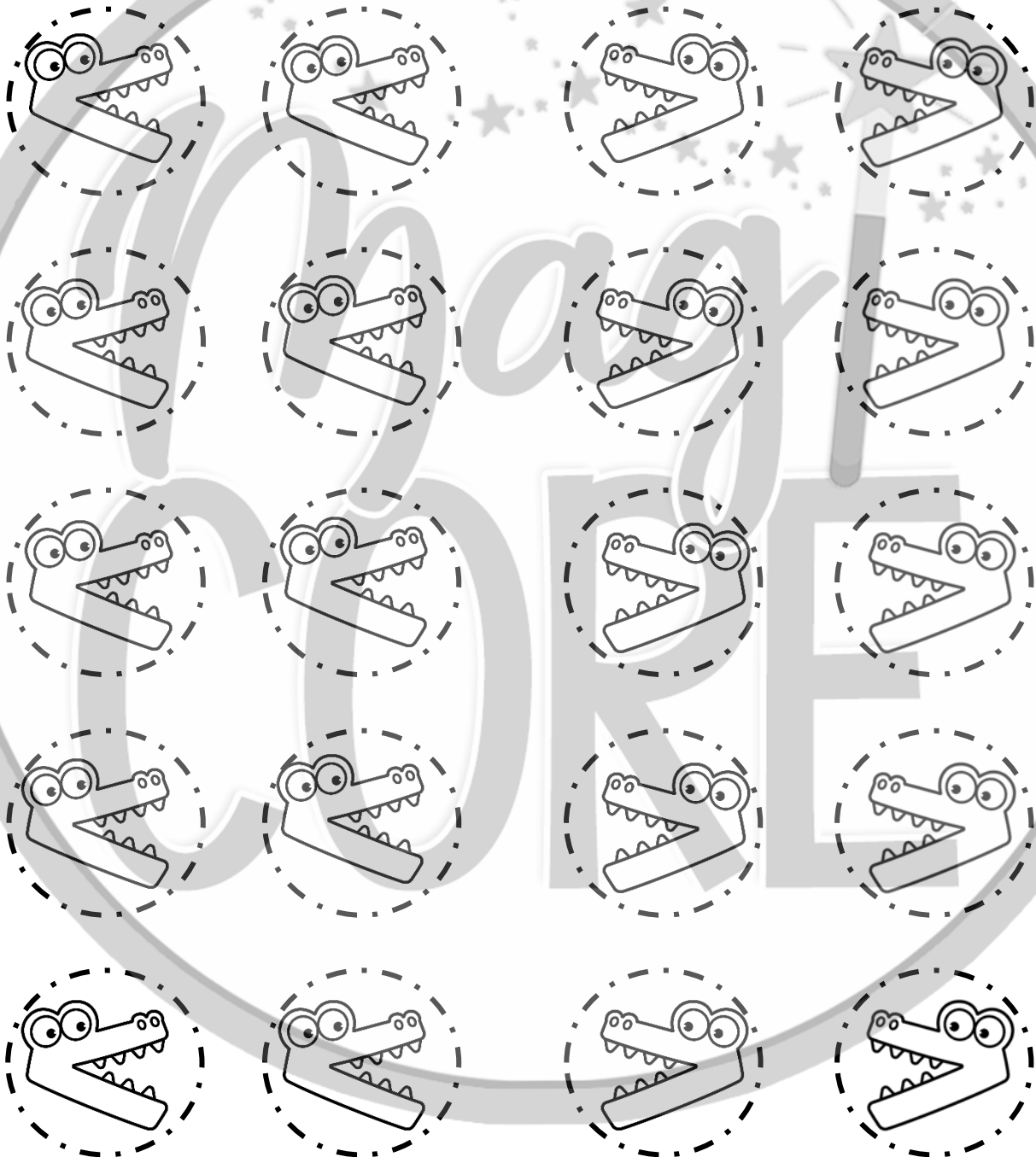


12

Name: _____ Date: _____

Hungry Alligator

Directions: Cut out the Ali Alligator circles to paste on the pages.

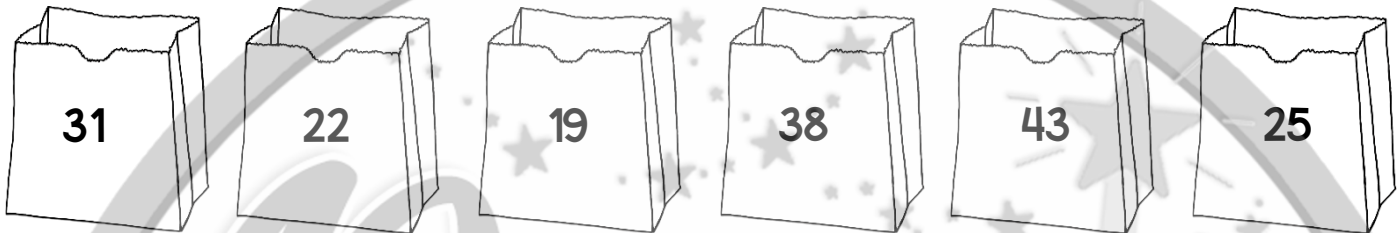


Name: _____ Date: _____

Problem Solver

Solve the word problems.

1. Mr. Cho made six mystery bags with these numbers:



Order the bag numbers from least to greatest.

_____, _____, _____, _____, _____, _____

2. Davina has 94 mini erasers. Ken has 89 mini erasers. Write an inequality to compare Davina's and Ken's erasers.

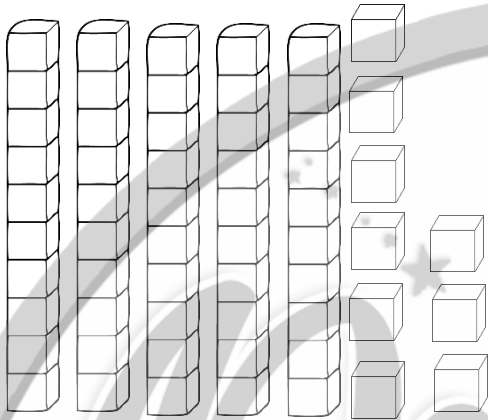
3. Mrs. Williams had 46 students last year. This year, she has $50 + 2$ students. Write an inequality to compare Mrs. Williams' class sizes.

Name: _____ Date: _____

Greater Than, Less Than Quiz

Directions: Draw the $<$, $>$ or $=$ symbol to complete the inequality.

1.



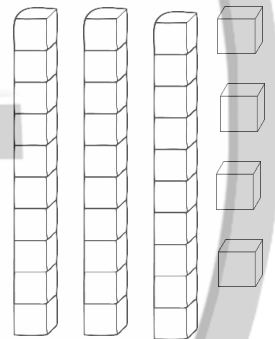
52

2. 93 97

3. 48 45

4. $10+8$ $20+4$

5. $30+4$



6. I'm thinking of a number that is less than 72 and greater than 67. Write all of the possible numbers I am thinking of.

Ordering Numbers

To order numbers, place them from least to greatest.

You can use a number line to help!



Number lines can start and end at ANY number!

You try!



Order these numbers from least to greatest on the number line:

69, 74, 70, 71, 73, 75, 78, 77

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Good to Go



Not O.K.

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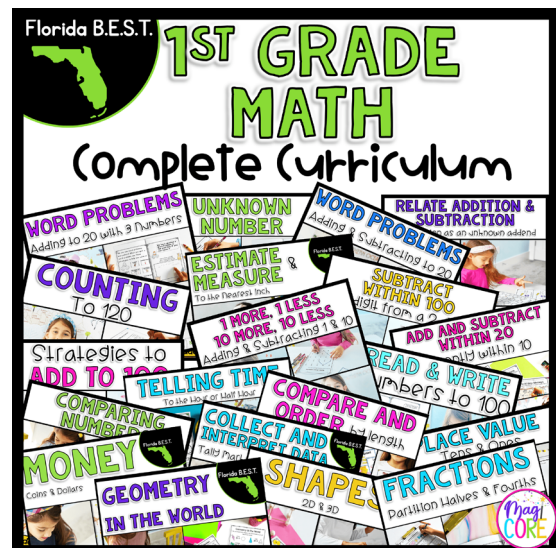
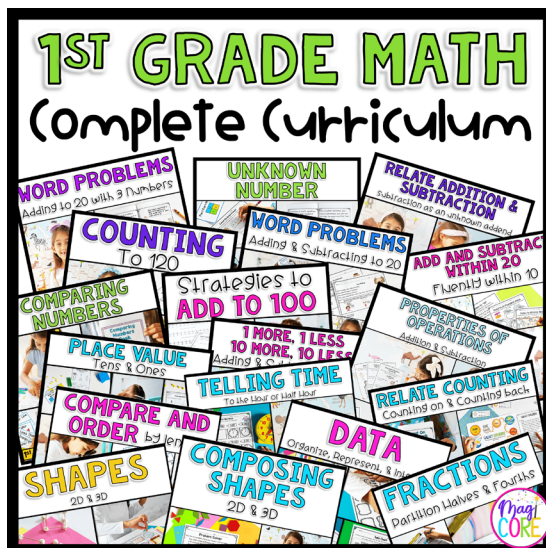
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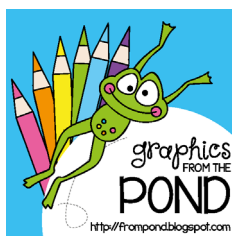


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