

Stonegate
2nd Grade
Independent Study



Independent Study Daily Checklist

- Read 20 minutes and fill out the reading log
- Respond to reading by completing one activity from the reading response menu
- Work for 20 minutes on a writing task
(See enclosed writing task menu)
- Complete ____ minutes/pages of math practice
- Work on a project of your choice from the Maker Mat Menu

Reading Log

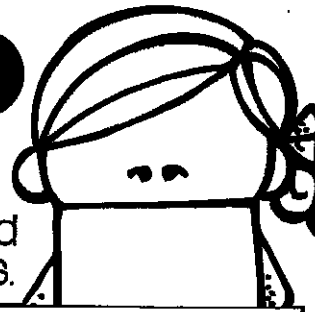
Book Title(s)	Date	Parent Initials

Writing Task Menu

Please choose one or more of these tasks to complete. You do not need to complete all of them. You will write and create for 20 minutes each day. If you complete a task choose a new one to work on.

<p>Expert Book What are you an expert on? Soccer, ice cream, Pokemon, baking? Create a book that shares your knowledge with your reader. Your book should include chapters with written facts and visuals. Feel free to type, write, or create a Google Slides Presentation.</p>	<p>Sequel or Series Read a good book lately? Write the sequel! Be sure to use basic plot structure. Your story should have characters who face challenges, and a clear beginning, middle, and end. Option: Create a series of short children's books featuring the same main character.</p>	<p>Your Fantasy Create your fantasy world! Write a story where you are the main character in your own fantasy world. What challenges will you face? What problems can you solve? Be creative and have fun.</p>
<p>Book Commercial Watch the Reading Rainbow Video: https://www.youtube.com/watch?v=MQG6AR5diPw Create your own book commercial. Write a script and record yourself reading it. Share your love of literature!</p>	<p>Animal Research Report Write a report about any animal you choose. Include facts about their habitat, diet, body parts, and life cycle. You may write a report or create a book, or slide show. Be sure to include lots of pictures and visuals.</p>	<p>Plastic Persuasion Watch the TedEd Video: https://www.ted.com/talks/emma_bryce_what_really_happens_to_the_plastic_you_throw_away#t-231958 Write a speech or create a poster, presentation or commercial that helps others understand how important it is to recycle plastic!</p>
<p>Comic Creator Create your own graphic novel or comic. Use mainly dialogue to tell a story that has a clear beginning, middle, and end. Check out this link for lots of fun tips, including how to create your own comic book paper! https://www.youtube.com/watch?v=R-PZIRngfcQ</p>	<p>Hero's Journey Watch the TedEd Video: https://www.ted.com/talks/matthew_winkler_what_makes_a_hero#t-80589 Create your own hero and write a story that tells their journey. Try to include all of the elements of a hero's journey that the video introduces.</p>	<p>Bedtime Debate Watch the Video: https://www.youtube.com/watch?v=_aAmaCeq9v4 What do you think your ideal bedtime is? Use facts from the video to support your thinking. Share your thoughts with your parents! Remember kids need 10-12 hours of sleep each night.</p>

READING MENU 7



After reading, choose 1 question and circle it. Questions 1-6 are best for fiction stories and questions 7-9 are best for nonfiction books. Record your answer to the question in complete sentences.

1. Compare and contrast this story to another story that you have read.	2. Would you recommend this story to others? Why or why not? Give specific reasons and examples.	3. How does the main character feel about the problem in the story? How do you know?
4. If you were the author, what would you change about the story? Why?	5. If you were giving a gift to the main character, what would you give? Why?	6. Was the author's purpose to persuade, inform or entertain? How do you know?
7. Find three new words in the text. Use context clues and/or a dictionary to define the words.	8. What new facts have you learned from your book?	9. What questions do you still have on the topic you are reading about?

SELF CHECK

- I answered the entire question that I chose.
- I wrote in complete sentences.
- I used evidence and examples from the text to support my answer.
- I edited my work to make sure that it makes sense.

READING MENU 8



After reading, choose 1 question and circle it. Questions 1-6 are best for fiction stories and questions 7-9 are best for nonfiction books. Record your answer to the question in complete sentences.

1. What questions do you still have about your story? Explain your answer.	2. Which character from the story reminds you of a character from another story that you have read? Why?	3. What genre is the story that you are reading? How do you know?
4. What is your least favorite part of the story? Why?	5. How has the main character changed throughout the story? Give evidence from the text.	6. Write a letter to persuade your teacher to read your book to the whole class. Use examples from the text.
7. Write three questions that you can answer about your topic after reading. Include answers.	8. What types of people need to know the facts that are included in your text? Why?	9. What part of the text was hard to understand? What strategies did you use to help you to comprehend?

SELF CHECK

- I answered the entire question that I chose.
- I wrote in complete sentences.
- I used evidence and examples from the text to support my answer.
- I edited my work to make sure that it makes sense.

March

Name: _____

MAKER MAT

**Make a
gardening
tool.**

**Make a
fairy
garden.**

**Make a
new
cover for
a book.**

**Make an
animal
habitat.**



**Make
something
to wear
that is
green.**

**Make a
windmill.**

**Make a
leprechaun
trap.**

**Make a
greenhouse.**

April

Name: _____

MAKER MAT

Make something useful out of trash.

Make a planter.

Make a waterproof structure.

Make a chart to track the weather.



Make a container to keep an egg from breaking.

Make a kite.

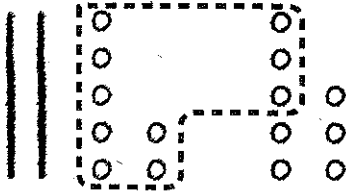
Make an Earth Day poster.

Make a birdhouse.

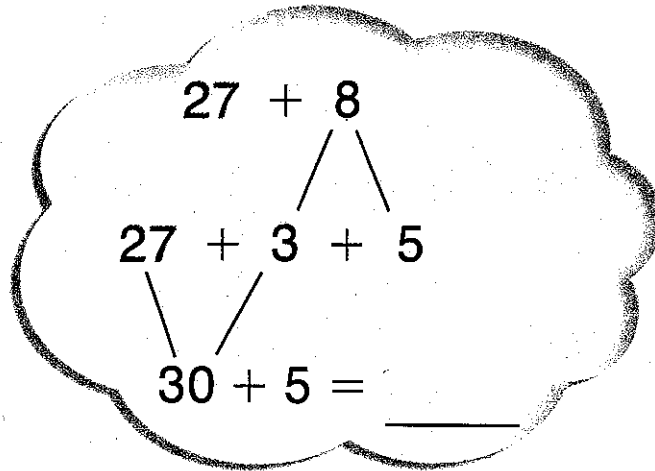
Model and Draw

Break apart ones to make a ten.
Use this as a way to add.

$$27 + 8 = \underline{\quad ? \quad}$$



$$27 + 8 = \underline{\quad \quad}$$

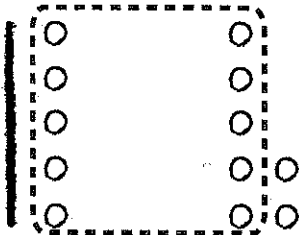


Share and Show



Draw quick pictures. Break apart ones to make a ten. Then add and write the sum.

1. $15 + 7 = \underline{\quad \quad}$



2. $26 + 5 = \underline{\quad \quad}$

3. $37 + 8 = \underline{\quad \quad}$

4. $28 + 6 = \underline{\quad \quad}$

Break Apart Ones to Add**COMMON CORE STANDARD—2.NBT.6**
Use place value understanding and properties of operations to add and subtract.

Break apart ones to make a ten.
Then add and write the sum.

1. $62 + 9 = \underline{\quad}$

2. $27 + 7 = \underline{\quad}$

3. $28 + 5 = \underline{\quad}$

4. $17 + 8 = \underline{\quad}$

5. $57 + 6 = \underline{\quad}$

6. $23 + 9 = \underline{\quad}$

7. $39 + 7 = \underline{\quad}$

8. $26 + 5 = \underline{\quad}$

9. $13 + 8 = \underline{\quad}$

10. $18 + 7 = \underline{\quad}$

11. $49 + 8 = \underline{\quad}$

12. $27 + 5 = \underline{\quad}$

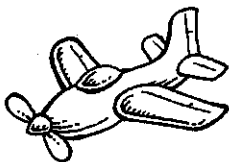
13. $39 + 4 = \underline{\quad}$

14. $18 + 8 = \underline{\quad}$

Problem Solving**Real World**

Solve. Write or draw to explain.

15. Jimmy had 18 toy airplanes. His mother bought him 7 more toy airplanes. How many toy airplanes does he have now?



_____ toy airplanes

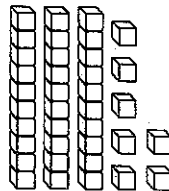
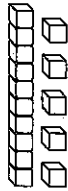
Use Compensation



COMMON CORE STANDARD—2.NBT.6
Use place value understanding and properties of operations to add and subtract.

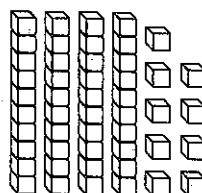
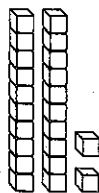
Show how to make one addend the next tens number. Complete the new addition sentence.

1. $15 + 37 = ?$



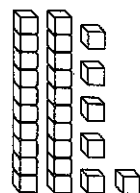
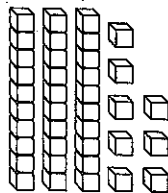
_____ + _____ = _____

2. $22 + 49 = ?$



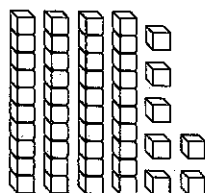
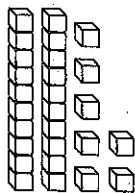
_____ + _____ = _____

3. $38 + 26 = ?$



_____ + _____ = _____

4. $27 + 47 = ?$



_____ + _____ = _____

Problem Solving Real World

Solve. Write or draw to explain.

5. The oak tree at the school was 34 feet tall.
Then it grew 18 feet taller.
How tall is the oak tree now?

_____ feet tall

Break Apart Addends as Tens and Ones



COMMON CORE STANDARD—2.NBT.6
Use place value understanding and properties of operations to add and subtract.

Break apart the addends to find the sum.

1.
$$\begin{array}{r} 18 \\ + 21 \\ \hline \end{array} \rightarrow \begin{array}{r} \underline{\quad} + \underline{\quad} \\ \underline{\quad} + \underline{\quad} \\ \hline \end{array}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



2.
$$\begin{array}{r} 33 \\ + 49 \\ \hline \end{array} \rightarrow \begin{array}{r} \underline{\quad} + \underline{\quad} \\ \underline{\quad} + \underline{\quad} \\ \hline \end{array}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



3.
$$\begin{array}{r} 72 \\ + 18 \\ \hline \end{array} \rightarrow \begin{array}{r} \underline{\quad} + \underline{\quad} \\ \underline{\quad} + \underline{\quad} \\ \hline \end{array}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$



Problem Solving



Choose a way to solve.
Write or draw to explain.

4. Christopher has 28 baseball cards.
Justin has 18 baseball cards. How
many baseball cards do they
have together?

_____ baseball cards

Model Regrouping for Addition

Essential Question When do you regroup in addition?




Number and Operations
in Base Ten—2.NBT.5

MATHEMATICAL PRACTICES
MP.5, MP.7

Listen and Draw



Use  to model the problem.
Draw quick pictures to show what you did.

Tens	Ones																				
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FOR THE TEACHER • Read the following problem.
Brandon has 24 books. His friend Mario has 8 books. How many books do they have?



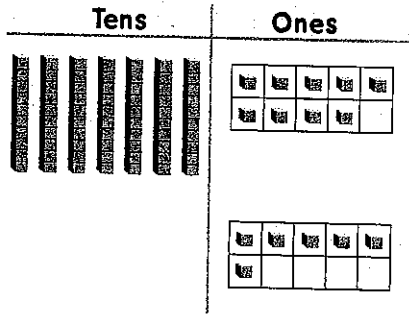
Mathematical Practices

Describe how you made a ten in your model.

On Your Own

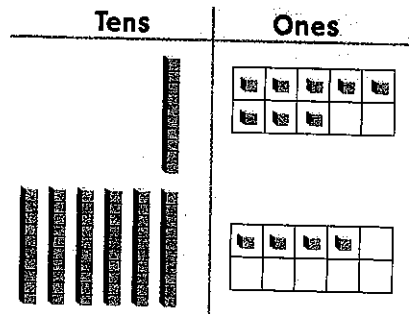
Draw to show if you regroup. Write how many tens and ones in the sum. Write the sum.

4. Add 79 and 6.



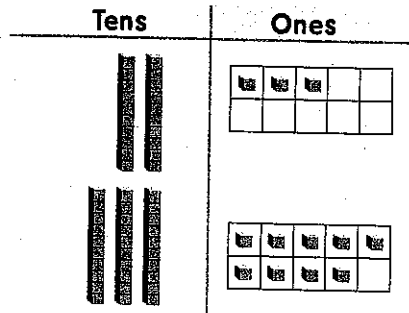
_____ tens _____ ones

5. Add 18 and 64.



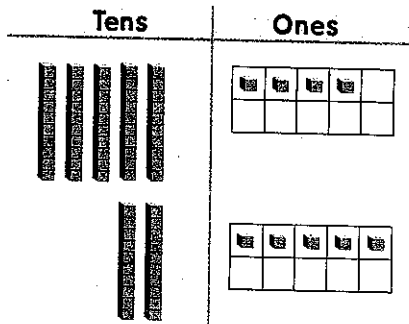
_____ tens _____ ones

6. Add 23 and 39.



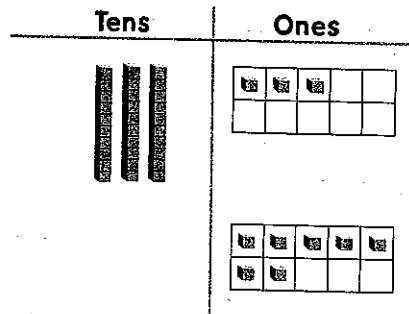
_____ tens _____ ones

7. Add 54 and 25.



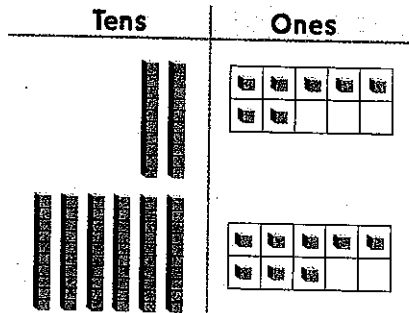
_____ tens _____ ones

8. Add 33 and 7.



_____ tens _____ ones

9. Add 27 and 68.



_____ tens _____ ones

10. **THINK SMARTER** Kara has 25 toy animals and 12 books. Jorge has 8 more toy animals than Kara has. How many toy animals does Jorge have?



_____ toy animals

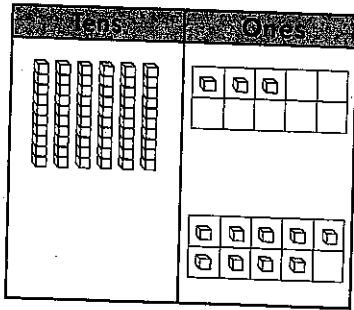
Model Regrouping for Addition



COMMON CORE STANDARDS—2.NBT.6
Use place value understanding and properties of operations to add and subtract.

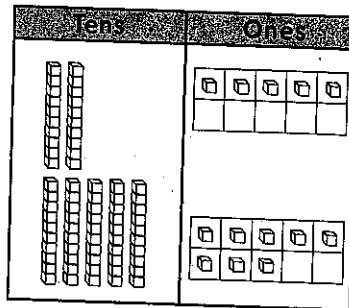
Draw to show the regrouping. Write how many tens and ones in the sum. Write the sum.

1. Add 63 and 9.



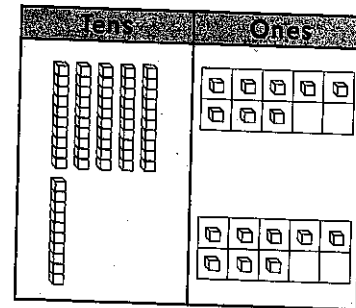
_____ tens _____ ones

2. Add 25 and 58.



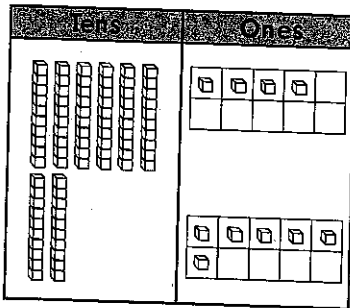
_____ tens _____ ones

3. Add 58 and 18.



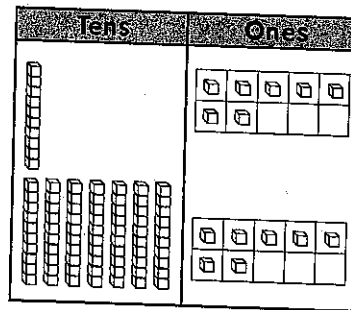
_____ tens _____ ones

4. Add 64 and 26.



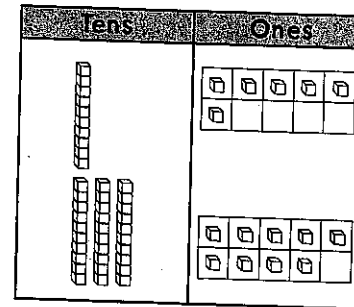
_____ tens _____ ones

5. Add 17 and 77.



_____ tens _____ ones

6. Add 16 and 39.



_____ tens _____ ones

Problem Solving

Choose a way to solve.
Write or draw to explain.

7. Cathy has 43 leaves in her collection.
Jane has 38 leaves. How many leaves
do the two children have?

_____ leaves

Model and Record 2-Digit Addition



COMMON CORE STANDARD—2.NBT.6
Use place value understanding and properties of operations to add and subtract.

Draw quick pictures to help you solve.
Write the sum.

1.

Tens	Ones
□	
3	8
+	1
1	7

Tens	Ones

2.

Tens	Ones
□	
5	8
+	2
2	6

Tens	Ones

3.

Tens	Ones
□	
4	2
+	3
3	7

Tens	Ones

4.

Tens	Ones
□	
5	3
+	3
3	8

Tens	Ones

Problem Solving Real World

Choose a way to solve.
Write or draw to explain.

5. There were 37 children at the park on Saturday and 25 children at the park on Sunday. How many children were at the park on those two days?

_____ children

2-Digit Addition



COMMON CORE STANDARD—2.NBT.5
Use place value understanding and properties of operations to add and subtract.

Regroup if you need to. Write the sum.

1.

$$\begin{array}{r|l} 4 & 7 \\ + 2 & 5 \\ \hline & \end{array}$$

2.

$$\begin{array}{r|l} 3 & 3 \\ + 1 & 8 \\ \hline & \end{array}$$

3.

$$\begin{array}{r|l} 2 & 8 \\ + 6 & 4 \\ \hline & \end{array}$$

4.

$$\begin{array}{r|l} 1 & 3 \\ + 6 & 5 \\ \hline & \end{array}$$

5.

$$\begin{array}{r|l} 1 & 7 \\ + 2 & 6 \\ \hline & \end{array}$$

6.

$$\begin{array}{r|l} 3 & 6 \\ + 5 & 3 \\ \hline & \end{array}$$

7.

$$\begin{array}{r|l} 5 & 8 \\ + 2 & 5 \\ \hline & \end{array}$$

8.

$$\begin{array}{r|l} 3 & 7 \\ + 4 & 9 \\ \hline & \end{array}$$

9.

$$\begin{array}{r|l} 5 & 2 \\ + 2 & 9 \\ \hline & \end{array}$$

10.

$$\begin{array}{r|l} 6 & 6 \\ + 2 & 4 \\ \hline & \end{array}$$

11.

$$\begin{array}{r|l} 7 & 4 \\ + 1 & 4 \\ \hline & \end{array}$$

12.

$$\begin{array}{r|l} 3 & 7 \\ + 3 & 7 \\ \hline & \end{array}$$

Problem Solving

Solve. Write or draw to explain.

13. Angela drew 16 flowers on her paper in the morning. She drew 25 more flowers in the afternoon. How many flowers did she draw?

_____ flowers

Practice 2-Digit Addition



COMMON CORE STANDARD—2.NBT.5
Use place value understanding and properties of operations to add and subtract.

Write the sum.

1.

$$\begin{array}{r} 58 \\ + 17 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 44 \\ + 86 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 36 \\ + 13 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 49 \\ + 72 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 58 \\ + 87 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 32 \\ + 59 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 77 \\ + 58 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 45 \\ + 45 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 54 \\ + 28 \\ \hline \end{array}$$

Problem Solving 

Solve. Write or draw to explain.

10. There are 45 books on the shelf.
There are 37 books on the table.
How many books are on the shelf
and the table?

_____ books

Rewrite 2-Digit Addition**COMMON CORE STANDARD—2.NBT.5**
Use place value understanding and properties of operations to add and subtract

Rewrite the numbers. Then add.

1. $27 + 19$

+ _____

2. $36 + 23$

+ _____

3. $31 + 29$

+ _____

4. $48 + 23$

+ _____

5. $53 + 12$

+ _____

6. $69 + 13$

+ _____

7. $24 + 38$

+ _____

8. $46 + 37$

+ _____

Problem Solving**Real World**

Use the table. Show how you solved the problem.

9. How many pages did Sasha and Kara read together?

_____ pages

Pages Read This Week	
Child	Number of Pages
Sasha	62
Kara	29
Juan	50

Name _____

Algebra • Write Equations to Represent Addition



COMMON CORE STANDARD—2.OA.1
Represent and solve problems involving addition and subtraction.

Write a number sentence for the problem.
Use a \blacksquare for the missing number. Then solve.

1. Emily and her friends went to the park. They saw 15 robins and 9 blue jays. How many birds did they see?

_____ birds

2. Joe has 13 fish in one tank. He has 8 fish in another tank. How many fish does Joe have?

_____ fish

Problem Solving



Solve.

3. There are 21 children in Kathleen's class. 12 of the children are girls. How many children in her class are boys?

_____ boys