

# Colonel NTI Packet

2024 – 2025

2<sup>nd</sup> Grade

Day 11

## Table of Contents

<b>Subject</b>	<b>Assignment</b>
Math	Practice Test pgs. 9 - 10
Language Arts	Dogs
Science	Week 10, Day 1 (Physical Science)
Social Studies	Week 3, Day 1



Name \_\_\_\_\_

1. Sonya has 140 beads. How many bags of 10 beads does she need so that she will have 200 beads in all?

\_\_\_\_\_ bags of beads

- 
2. Choose all the numbers that have the digit 8 in the tens place.

- 148
- 387
- 836
- 881

- 
3. Draw 139 using hundred boxes, ten sticks, and circles. Write the number name. Then write the number in expanded form.



Name \_\_\_\_\_

4. Robin has 180 stickers. How many pages of 10 stickers does she need so that she will have 200 stickers in all?

\_\_\_\_\_ pages of stickers

5. Choose all the numbers that have the digit 2 in the tens place.

- 721  
 142  
 425  
 239

6. Count the hundreds, tens, and ones. Write the total.



\_\_\_\_\_ Total \_\_\_\_\_

Hundreds          Tens          Ones



## Dogs



Dogs are mammals. They have long or short fur, ears, legs and a tail. They come in so many different colors, shapes, and sizes. There are about 340 breeds of dogs.



A barking dog

Scientists believe that dogs were first domesticated over 10,000 years ago. To domesticate means to tame. They were probably the first animal to be tamed by humans.

Since then, dogs have been used in a number of different ways. They have herded livestock. They have helped protect properties. Dogs have also helped do police work and rescue people in certain situations. Some dogs have guided people who cannot see. And they have also become our friends. Many people today have dogs as pets. They enjoy the companionship dogs give.

One of the main reasons why dogs have been so useful to humans is because they are able to communicate in different ways. Dogs can growl and bark loudly when they sense danger. They can wag their tails with excitement when they are happy. They can use their bodies and voices to communicate a message.

## Vocabulary

### communicate

verb

definition: When two people communicate, they tell each other things. They give each other information.

*Darryl's friend moved away, but they still communicate by talking on the phone and by writing.*

Spanish: comunicar

forms: communicated, communicates, communicating

### companionship

noun

definition: When you have companionship, you have someone in your life who you can talk to and be with. You don't feel alone when you have companionship.

*Anna's best friend moved away last summer and Anna misses her companionship now.*

*My grandmother says she's not lonely because she has her dog for companionship.*

Spanish: compañía, compañerismo

### domesticate

verb

definition: When people domesticate animals, they make them able to live with humans and be pets or working animals. After animals are domesticated, they are not wild anymore.

*Cats were first domesticated thousands of years ago.*

Spanish: domesticar

forms: domesticated, domesticates, domesticating

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. When were dogs first domesticated, or tamed?

- A. 1,000 years ago
- B. over 10,000 years ago
- C. 100 years ago
- D. 10 years ago

2. What does the author list in the third paragraph?

- A. different ways dogs have been used
- B. different breeds of dogs
- C. different ways dogs can communicate
- D. different places dogs can be found

3. Read the following sentences.

"Dogs have also helped do police work and rescue people in certain situations. Some dogs have guided people who cannot see."

What can you conclude about dogs based on this information?

- A. They usually only help one kind of person.
- B. They can help people in different situations and with different jobs.
- C. They are more helpful to people who cannot hear than people who cannot see.
- D. They can communicate with police by barking when they are upset.

4. Based on the text, why is it helpful to humans that dogs can communicate?

- A. because dogs can warn humans when danger is near
- B. because dogs can teach humans about communicating well
- C. because dogs can help humans do first aid
- D. because dogs can remind humans of something they've forgotten

5. What is the main idea in "Dogs?"

- A. Dogs are hard to own as pets, but they can communicate with their tails and voices.
- B. There are over 340 breeds of dogs and they are all different sizes and colors.
- C. Since they were first tamed, dogs have been used to help humans in many different ways.
- D. The police have used dogs to help them do their work and rescue people.



Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Directions:** Read the text, and answer the questions.

## Heating and Cooling Water

Heating and cooling can change water. You can heat ice. This changes the water from a solid to a liquid. The water changes states. It changes its shape. It gets warmer.

Changing water from a solid to a liquid can be undone. You can cool the water. It will change from a liquid to a solid. Liquid water freezes and becomes ice when it is cold enough.



1. What happens when liquid water changes into ice?
  - a. The water freezes.
  - b. The water melts.
  - c. The water changes to gas.
  - d. The water is heated.
2. What happens when ice changes into liquid water?
  - a. The water freezes.
  - b. The water melts.
  - c. The water keeps its shape.
  - d. The water is cooled.
3. Ice melts and changes to a liquid. How can you undo this change?

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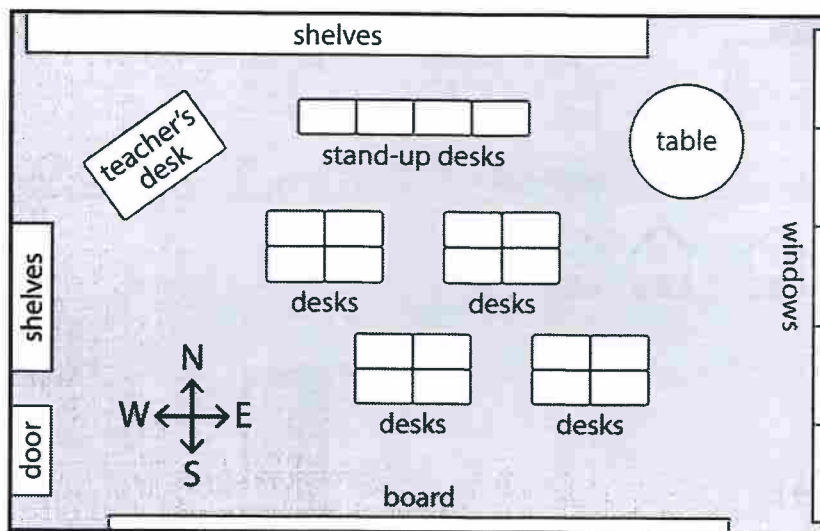
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Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Directions:** Read the text, and look at the map. Answer the questions.

This is a map of a classroom. It shows the cardinal directions: north, south, east, and west. There is a symbol for each item in the classroom.



1. What is on the east side of the map?
  - a. windows
  - b. shelves
  - c. a door
  - d. desks
2. Mark these places on the map.
  - Write A on all of the desks.
  - Write B on all of the shelves.
  - Write C on the table.
  - Write D on the door.
3. Why are there words on the map?
  - a. The words make up a story.
  - b. The words tell what the shapes are.
  - c. There is no reason for the words.
  - d. The words make the map look good.

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Day 12

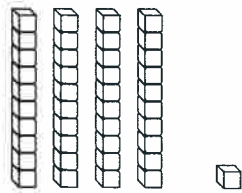
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<b>Subject</b>	<b>Assignment</b>
Math	Practice Test pgs. 15 - 16
Language Arts	What's My Name?
Science	Week 10, Day 2
Social Studies	Week 3, Day 2



Name \_\_\_\_\_

1. What is the value of the digit 1 in the number 41?



\_\_\_\_\_

2. Draw a picture to show the number 52.



Describe the number 52 in two ways.



\_\_\_\_\_ + \_\_\_\_\_

3. Dan has a favorite number.  
His number has the digit 8 in  
the ones place and the digit 5  
in the tens place. What is  
Dan's favorite number?

\_\_\_\_\_



Name \_\_\_\_\_

4. It's 154 days until Jeff's birthday. Write the number of days in words.

\_\_\_\_\_

Show the number in two other ways.

Hundreds	Tens	Ones

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_

5. Straws are sold in boxes, in bags, or as single straws. Each box has 10 bags in it. Each bag has 10 straws in it. Mr. Tan needs 355 straws. Draw a picture to show a way to buy 355 straws.



How many boxes, bags, and single straws did you show?

\_\_\_\_\_

\_\_\_\_\_

6. Terry has 164 marbles.

Write the number in words.

\_\_\_\_\_



# What's My Name?

by Peter Balmaseda

Her name was Magdalena. She liked her name. She thought it was pretty and different. She liked the way it sounded.

The problem was no one called her that. Her mom called her "Mags." Her dad called her "Lena" and "Sweetie." Her brother Ricardo called her "Sis." Her teachers called her "Maggie." No one called her "Magdalena." One day she decided to talk to her mother about it.

"Why doesn't anyone call me by my name?" Magdalena asked.

Her mother gave her a puzzled look.

"I don't know," her mother responded. "Maybe because your name is long."

"But I like it," Magdalena replied.

"I like your name too. It is a beautiful name. I helped choose it!"

"Then why doesn't anyone say it?" Magdalena asked. "My name isn't Maggie or Mags or Lena or Sweetie. It's Magdalena."

Her mom smiled. "You are absolutely right," she replied. "I will only call you by your name from now on."

A few hours later, Magdalena's dad and brother came home. Her mom met them at the door.

"From now on, we are calling our daughter by her name," her mom told them. "Magdalena. Not Maggie or Mags or anything else." Her dad and brother looked at each other.

"So I can't call her my sweetie?" her father asked.

"No," her mother answered.

"I can't call her Sis?" Ricardo asked.

"No," her mom said again.

"What about Maggie Waggy?" Ricardo asked, smiling.

"Definitely not!" Magdalena yelled from the kitchen, where she listened to every word.

She walked to where they were all standing.

"Okay, we agree," her dad said. He looked at Ricardo, who nodded his head.

From that day on, she was always called Magdalena. And she never got tired of hearing her name.

## Vocabulary

### call

verb

definition: When you get a new cat and you call it Max, it means that you give your cat the name Max.

*My parents called me Bella because it was my grandmother's name.*

*I wrote a story, but I haven't decided what to call it yet.*

Spanish: llamar, nombrar

forms: called, calling, calls

### choose

verb

definition: When you choose something, you pick it from a group.

*You can't have both chocolate and vanilla, so you have to choose!*

*It's hard to choose a gift for my grandfather. I don't know what he likes.*

Spanish: elegir, escoger, seleccionar

forms: chooses, choosing, chose, chosen

### decide

verb

definition: When you decide something, you think about it and make a choice about what is best.

*The judges decided the winner of the contest.*

*His mother decided that he was too sick to go to school.*

Spanish: decidir

forms: decided, decides, deciding



Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. What is the name of the main character in this story?

- A. Magdalena
- B. Maria
- C. Cecilia

2. What are some names that Magdalena's family calls her?

- A. Margaret, Marge, and Marjorie
- B. Mags, Lena and Sis
- C. Honey, Magda, and Mags

3. Read the following sentences from the text.

"'Why doesn't anyone call me by my name?' Magdalena asked.

Her mother gave her a puzzled look.

'I don't know,' her mother responded. 'Maybe because your name is long.'

'But I like it,' Magdalena replied.

'I like your name too. It is a beautiful name. I helped choose it!'"

What can you conclude based on this information?

- A. Magdalena's mom and Magdalena get in an argument about Magdalena's name.
- B. Magdalena's mom and Magdalena have the same feeling about Magdalena's name.
- C. Magdalena's mom and Magdalena don't like to talk about her name.

4. Based on the text, how does Magdalena feel when people call her "Mags" or "Lena"?

- A. excited and surprised
- B. happy and satisfied
- C. confused and annoyed

5. What is one theme of this story?

- A. Some people don't like their names, so they want other people to call them nicknames.
- B. It's always a good idea to let other people call you whatever they want.
- C. Sometimes, it's important to stand up for yourself and tell people what you want.

6. Why do you think that the author writes out a whole conversation between Magdalena and her mom?

- A. because their conversation is an important part of how Magdalena solves the problem of people not calling her by her name
- B. because the author wants to confuse the reader and make them wonder what name Magdalena really wants to be called
- C. because their conversation is very funny, even though it is not important to Magdalena solving the problem of people calling her other names

7. Choose the word that best completes the sentence.

At first, everyone calls Magdalena by different names. \_\_\_\_\_, everyone calls Magdalena her real name.

- A. Later
- B. Because
- C. However

8. Why does Magdalena want her family to call her by her real name?

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Directions:** Read the text, and study the chart. Then answer the questions.

Eve puts a cup of ice cubes in a sunny window. She observes the cup after 1 minute, 5 minutes, and 60 minutes. Eve writes her observations in a chart.

	After 1 minute	After 5 minutes	After 60 minutes
Cup of Ice Cubes	Ice cubes look mostly the same.	Some of the ice cubes melted. There is water and ice in the cup.	All of the ice cubes melted. There is only water in the cup.

- Why did the ice cubes look mostly the same after 1 minute?
  - No heat was added.
  - Too much heat was added.
  - Too much time passed.
  - Not enough time passed.
- How long did it take for all of the ice to melt?
  - 1 minute
  - 5 minutes
  - 6 minutes
  - 60 minutes
- Can Eve undo the change that happened? Explain.

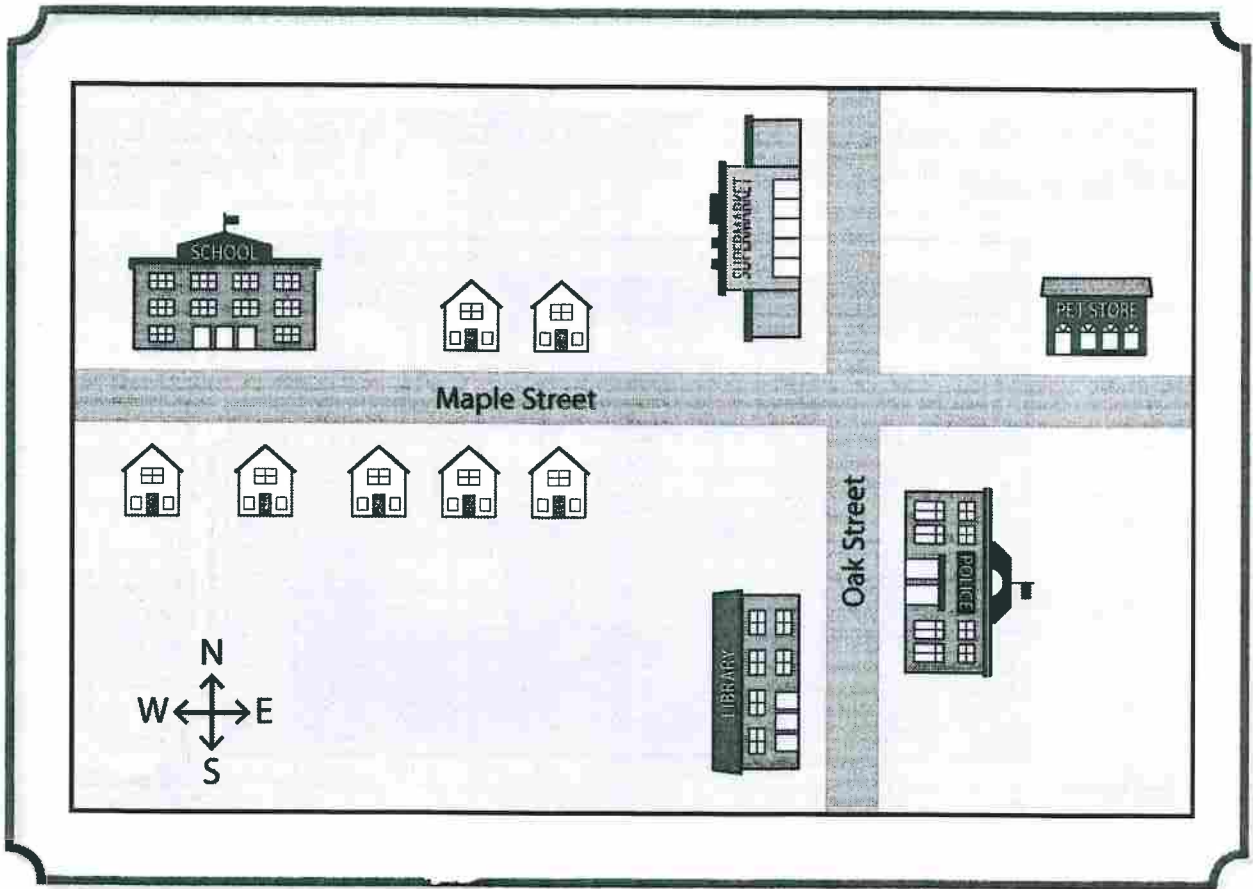
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Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Directions:** Look at the map of this community. Answer the questions.



1. On what street is the school?
  - a. Oak Street
  - b. Maple Street
  - c. Library Street
  - d. School Street
2. On what street is the library?
  - a. Maple Street
  - b. School Street
  - c. Oak Street
  - d. Pet Store Street
3. What two places are on Maple Street?
  - a. police station and library
  - b. school and supermarket
  - c. library and pet store
  - d. school and pet store