

Colonel NTI Packet

2025 – 2026

2nd Grade

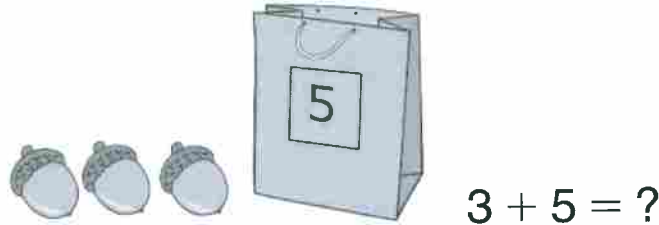
Day 1

Table of Contents

Subject	Assignment
Math	Reteach to Build Understanding 1 - 1
Language Arts	Week 1, Day 1 (Reading) Week 1, Day 1 (Spelling and Word Study)
Science	Week 1, Day 1 (Life Science)
Social Studies	Week 1, Day 1 (History)

A-Z Vocabulary

1. The **equation** below has **addends**. You can count on to find the **sum**.

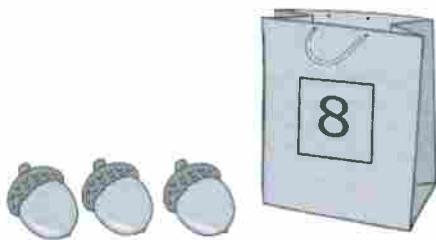


You can change the order of the addends. $3 + 5$ and
 _____ + _____ have the same sum.

It's easier to count on from the greater addend. $5 + 3 = ?$
 Count on 3 from 5.

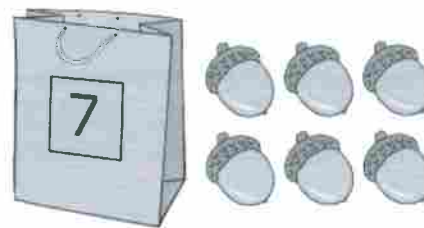
5, _____, _____, _____ So, $3 + 5 =$ _____.

2. Count on to find each sum. Then change the order of the addends.



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

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



$$7 + 6 = \underline{\quad}$$

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

On the Back!

3. Draw a picture. Show how you know that $4 + 2$ and $2 + 4$ have the same sum.

NAME: _____ DATE: _____

DIRECTIONS

Read the text and then answer the questions.

"Why do we wear bike helmets?" Lola asked.

"It is a way to stay safe," said her mom. "If you fall, the helmet will protect your head. It is a law, too. You could get a ticket if you are caught riding without a helmet."

"Oh!" Lola said. "I don't want a ticket. I guess I will be safe."

1. What are Lola and her mom talking about?

- (A) head injuries
- (B) bike helmets
- (C) tickets
- (D) laws

3. How would the word *helmet* be divided into two syllables?

- (A) he-lmet
- (B) h-elmet
- (C) helm-et
- (D) hel-met

2. What is the main idea?

- (A) It is easy to fall off your bike.
- (B) Helmets protect your head.
- (C) Tickets are given if you break the law.
- (D) Wearing a helmet is safe and it is the law.

4. Which of these words means the same as *protect*?

- (A) lose
- (B) expose
- (C) guard
- (D) injure

SCORE

1. 😊 😞

2. 😊 😞

3. 😊 😞

4. 😊 😞

___ / 4
Total

Spelling and Word Study

Name: _____ Date: _____

Directions: Use a word from the Word Bank to complete each sentence.

Word Bank

ask	blast	cast	clasp	fact
fast	last	mask	past	task

- I slept at my cousin's house _____ night.
- A _____ is something I can prove.
- Miners have to _____ through rock to find coal.
- My _____ is to shuck all the ears of corn.
- The doctor put a green _____ on Matt's broken arm.



- Did you _____ Mom if we could have ice cream?
- My baby sister cried when I put on my Halloween _____.
- The _____ on my necklace is broken.
- We drove _____ seven For Sale signs on our way to the mall.
- If you work too _____, you might make a mistake.

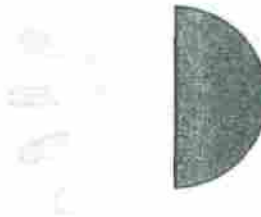
Name: _____ Date: _____

Directions: Read the text. Answer the questions.

Growing in Sun and Shade

All plants need water and light to grow. Plants use light, water, and air to help make their food. Some plants need more light than others. Cactus plants need many hours of sunlight every day. So do daisies. Ferns like lots of shade. Other plants like hostas can live as long as they get some light every day.

sun



shade

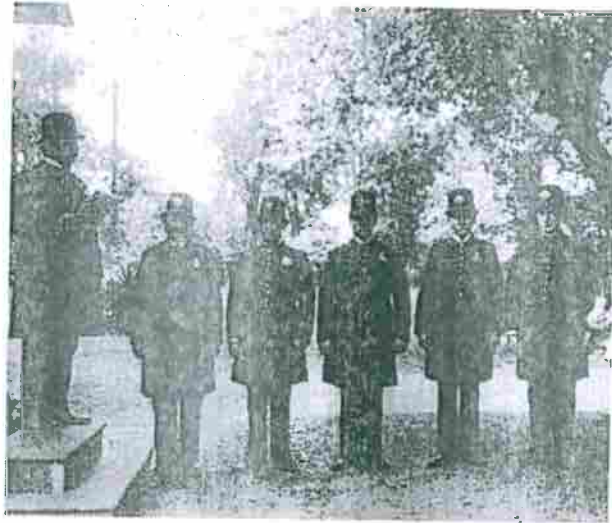
1. What do plants need every day to grow?
 - a. water
 - b. light
 - c. water and light
 - d. neither water nor light
2. Which two plants need a lot of sunlight each day?
 - a. hostas and ferns
 - b. ferns and daisies
 - c. cactus and daisies
 - d. daisies and hostas
3. Why do all plants need light?



Name: _____ Date: _____

Directions: Look at the picture, and read the text. Answer the questions.

A long time ago, there were no police in the towns. Some men wanted to help. They joined a watch group. The watch group kept families safe. They lit street lamps. They helped find lost children. They helped find runaway pets. They arrested criminals. They helped in many ways.



The towns got bigger and bigger. The watch groups could not keep everyone safe. So, police forces were created. They kept people in towns and cities safe. Police were important in the community.

1. A long time ago, the towns were smaller. Who kept people safe?
 - a. police
 - b. watch groups
 - c. farmers
 - d. coopers
2. More people came. The towns got bigger. Based on the text, who kept people safe?
 - a. watch groups
 - b. sheriffs
 - c. moms
 - d. police



Colonel NTI Packet

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2nd Grade

Day 2

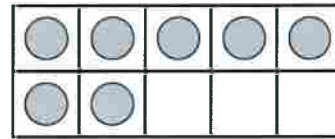
Table of Contents

Subject	Assignment
Math	Reteach to Build Understanding 1 – 3
Language Arts	Week 1, Day 2 (Reading) Week 1, Day 2 (Spelling and Word Study)
Science	Week 1, Day 2 (Life Science)
Social Studies	Week 1, Day 2 (History)

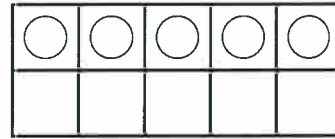
Name _____

AZ Vocabulary

1. You can **make a 10** to find the **sum** of $7 + 5$.

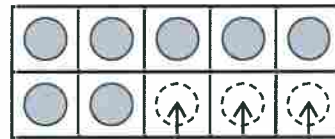


The first ten-frame shows the **addend** _____.



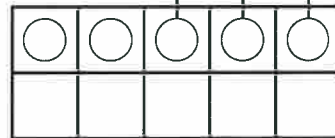
The second ten-frame shows the

addend _____.



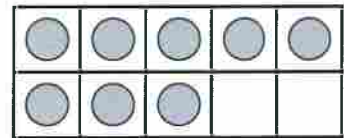
Move _____ counters to make a 10.

Add with 10. You know $10 + 2 =$ _____.



So, $7 + 5 =$ _____.

2. Make a 10. Draw counters on the second set of ten-frames to show your thinking.



Find $8 + 6$.

The first ten-frame shows the addend 8.



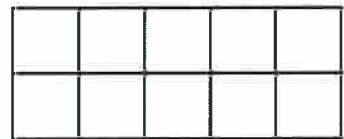
The second ten-frame shows the addend 6.

Move _____ counters to make a 10.



You know $10 + 4 =$ _____.

So, $8 + 6 =$ _____.



On the Back!

3. Draw two ten-frames. Draw 7 counters in the first frame. Draw counters for your age in the second frame. Find the sum.

NAME: _____ DATE: _____

DIRECTIONS

Read the text and then answer the questions.

SCORE

1. 😊 😐

2. 😊 😐

3. 😊 😐

4. 😊 😐

____ / 4
Total

My teacher has rules for our class. The rules keep us safe and make sure we can all learn. One rule is to not run inside. This rule was made so no one would get hurt. I think my teacher really cares about us. The rules keep us in order, so I follow them every day.

1. Who has to follow the teacher's rules?

- (A) the student
- (B) the teacher
- (C) the principal
- (D) the whole class

2. Which title best fits the text?

- (A) A Caring Student
- (B) Running Is Not Fun
- (C) Keeping Order with Rules
- (D) Breaking the Rules

3. What is the root word in *teacher*?

- (A) teach
- (B) each
- (C) eacher
- (D) cher

4. What does the phrase *in order* mean in the text?

- (A) quiet
- (B) in a line
- (C) organized and behaved
- (D) in a circle

Name: _____ Date: _____

Directions: Use a word from the Word Bank for each section.

Word Bank				
ask	blast	cast	clasp	fact
fast	last	mask	past	task

Write a synonym for each word.

1. job _____
2. explode _____
3. truth _____

Write an antonym for each word.

4. slow _____
5. tell _____
6. first _____
7. future _____




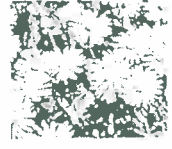
Write a word that fits each category.

8. crutches, sling, wheelchair, _____
9. hook, fastener, clip, _____
10. costume, face paint, props, _____



Name: _____ Date: _____

Directions: Different plants need different amounts of sun and light. Study the chart. Then answer the questions.

Type	Hours of Sun	Cactus 	Fern 	Hosta 	Daisy 
full sun	6 to 8 hours	X			X
partial sun	4 to 8 hours			X	
shade	3 to 4 hours		X		



Analyzing Data

1. Which plant is a partial sun plant?

- a. cactus
- b. fern
- c. hosta
- d. daisy

2. Which plant is a shade plant?

- a. cactus
- b. fern
- c. hosta
- d. daisy

3. What might happen if a **full sun** plant didn't get enough sun during the day?

Name: _____ Date: _____

Directions: Look at the picture, and read the text. Answer the questions.



History

Here is a teacher from long ago. She taught reading, writing, and numbers. The children learned history and geography, too. They had to remember what they learned. There were children from first grade to eighth grade in the same class. Most children finished school in eighth grade. Sometimes, the teacher lived with the children's families. The teacher was important in the community.



1. What did the children learn in school long ago?
 - a. music, art, and writing
 - b. art and physical education
 - c. reading, writing, and art
 - d. reading, writing, and numbers
2. When did most children finish school?
 - a. high school
 - b. eighth grade
 - c. fifth grade
 - d. college
3. Why was the teacher important in the community?
 - a. The teacher was strict.
 - b. The teacher lived with the families.
 - c. The teacher taught music.
 - d. The teacher taught children to read and write.



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2nd Grade

Day 3

Table of Contents

Subject	Assignment
Math	Reteach to Build Understanding 1 – 8
Language Arts	Week 1, Day 3 (Reading) Week 1, Day 3 (Spelling and Word Study)
Science	Week 1, Day 3 (Life Science)
Social Studies	Week 1, Day 3 (History)

Name _____

Reteach to Build
Understanding

1-8

A-Z Vocabulary

1. You can use **strategies** to help you add and subtract.
Practice **related facts** to remember them all.

$$\begin{array}{r} 4 \\ + 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + 4 \\ \hline \square \end{array}$$

$$\begin{array}{r} 12 \\ - 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 12 \\ - 4 \\ \hline \square \end{array}$$

2. Find $13 - 8$. You can use a model.

13 is the whole.

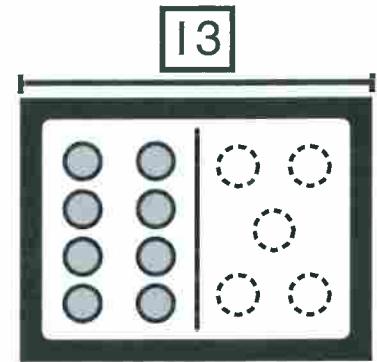
8 is the part you know.

The other part is _____. So, $13 - 8 =$ _____.

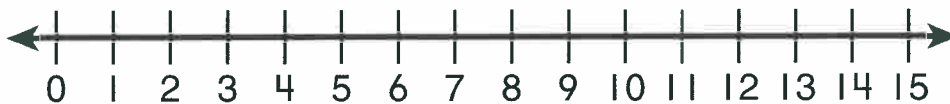
You can also use addition.

Think: $8 +$ how many more is 13?

$$8 + \underline{5} = 13 \quad \text{So, } 13 - 8 = \underline{\quad}.$$



3. Use the number line below to count on or count back to find $11 - 3$.



$$11 - 3 = \underline{\quad}$$

On the Back!

4. $8 + 9$ is a near doubles fact. Write the doubles fact $8 + 9$ is close to. Then solve. Write another near doubles addition fact and solve it.

NAME: _____ DATE: _____

DIRECTIONS

Read the text and then answer the questions.

The bell rings many times a day at Jack's school. It tells him when the day starts. It tells him when the day ends. Lunch starts and ends with a bell. Bells tell Jack where to go. How does he know when recess is over? The bell alerts him.

- 1. What is the setting?
 - (A) Jack's bike
 - (B) Jack's home
 - (C) Jack's school
 - (D) Jack's room

- 2. How do bells help students?
 - (A) Bells tell students where to go.
 - (B) Bells ring on Mondays.
 - (C) Bells only ring at lunchtime.
 - (D) Bells are loud.

- 3. How many syllables are in the word *recess*?
 - (A) one syllable
 - (B) two syllables
 - (C) three syllables
 - (D) four syllables

- 4. Which of these words means the same as *starts*?
 - (A) concludes
 - (B) rings
 - (C) begins
 - (D) lasts

SCORE

1. 😊 😊

2. 😊 😊

3. 😊 😊

4. 😊 😊

___ / 4

Total

Spelling and Word Study

Name: _____ Date: _____

Directions: Study each example. Write a sentence for each word. End each sentence with the same punctuation as the example.

QUESTION Ex. *close*: Did you remember to *close* the door?

1. *last*: _____

2. *fast*: _____

STATEMENT Ex. *note*: I wrote a thank you *note* to my friend.

3. *fact*: _____

4. *task*: _____

EXCLAMATION Ex. *bone*: I found a dinosaur *bone* in my yard!

5. *blast*: _____

6. *mask*: _____

Name: _____ Date: _____

Directions: Read the text. Answer the questions.

Missy's dad gave her two plants. One of the plants needs full sun. The other plant needs partial sun. Missy puts one plant in a sunny window and the other plant on a table.



1. Which plant should go in the sunny window?
 - a. the one that likes full sun
 - b. the one that likes partial sun
 - c. both because they both like full sun
 - d. both because they both like full shade
2. What should Missy ask to find out if her plants are in the right place?
 - a. How many plants are there?
 - b. How big is the window?
 - c. How do the plants look?
 - d. How old are the plants?
3. Write a question you have about the difference between the plants.

Name: _____ Date: _____

Directions: Look at the picture, and read the text. Answer the questions.



Coopers made barrels that were used to store things, such as meat, eggs, and apples.

1. What did people store in barrels long ago?
 - a. wood
 - b. food
 - c. garbage
 - d. live animals
2. The cooper would seal the barrels. Why did he do this?
 - a. He wanted to make them shiny.
 - b. He liked to do it.
 - c. He wanted to keep them together.
 - d. So air and water would not get in.
3. Think about the food in your kitchen. What could you store in a barrel if you lived long ago?

Colonel NTI Packet

2025 – 2026

2nd Grade

Day 4

Table of Contents

Subject	Assignment
Math	Reteach to Build Understanding 2 - 4
Language Arts	Week 1, Day 4 – 5 Story (Reading) Week 1, Day 4 (Reading) Week 1, Day 4 (Spelling and Word Study)
Science	Week 1, Day 4 (Life Science)
Social Studies	Week 1, Day 4 (History)

A-Z Vocabulary

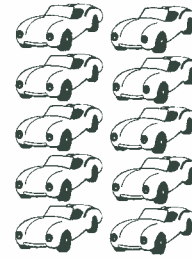
1. You can make or draw **arrays** to show repeated addition.

Zack put his toy cars in 5 **rows**.

Each row has 2 cars.

How many toy cars does Zack have?

Use repeated addition to solve.



_____ + _____ + _____ + _____ + _____ = _____

You can write $5 + 5 = 10$ for the number of cars in each **column**.

2. Draw an array and use repeated addition to solve each problem.

Sue plants 3 rows of tulips, with 5 tulips in each row.

How many tulips does Sue plant?



_____ + _____ + _____ = _____

_____ tulips

Terry puts apples in 4 columns, with 4 apples in each column. How many apples does Terry have?

_____ + _____ + _____ + _____ = _____

_____ = _____ apples

On the Back!

3. Draw an array that shows 3 rows of chairs with 3 chairs in each row. Use repeated addition to find the total number of chairs.

NAME: _____ DATE: _____

Fire Drill

Seth learned about fire drills at school. His class went on a field trip to the fire station. The firefighters talked to the students about safety. Schools have fire drills to prepare the students for a fire. The firefighters told the students that they should have fire drills at home, too.

Seth went home and told his parents what he learned. His family decided to try a fire drill. First, they tested their smoke alarms. They wanted to make sure that the alarms were still working. Then, they pretended that an alarm went off. They got out of their house, and they timed the drill. It took them three minutes. They all agreed they could do better. They would try again.

Seth was happy. He felt safe. He was glad his family had done a fire drill. He knew the firefighters would be proud.



NAME: _____ DATE: _____

DIRECTIONS

Read "Fire Drill" and then answer the questions.

1. Which shows a connection to this text?

- (A) I have done a fire drill with my own family so I feel safe, too.
- (B) My family likes to watch movies together.
- (C) I went on a field trip to a museum.
- (D) I like recess at school.

2. What did Seth's family practice?

- (A) a dell
- (B) a doll
- (C) a dull
- (D) a drill

3. How did Seth's family know how long the drill took?

- (A) They timed it.
- (B) They timer it.
- (C) They timid it.
- (D) They tamed it.

4. Where did Seth first hear about having fire drills at home?

- (A) at home
- (B) at the fire station
- (C) at his neighbor's house
- (D) in the classroom

5. What important lesson did Seth learn?

- (A) Fire drills should be shorter than three minutes.
- (B) Firefighters are brave.
- (C) Fire drills are more important at home than at school.
- (D) Fire drills are important to practice.

SCORE

1. 😊😊

2. 😊😊

3. 😊😊

4. 😊😊

5. 😊😊

___ / 5
Total

Name: _____ Date: _____

Directions: Study how the words change when you add new endings. Add the same endings to each word to create new words.

1. **bask** basks basking basked
ask _____

2. **cast** casts casting casted
last _____

3. **rasp** rasps rasping rasped
clasp _____

Directions: Find three words in the Word Bank that are related to each of the spelling words. Write the words on the correct lines.

Word Bank				
blasted	faster	blasting	masking	fastest
fastball	unmask	masks	blast off	

4. **fast** _____

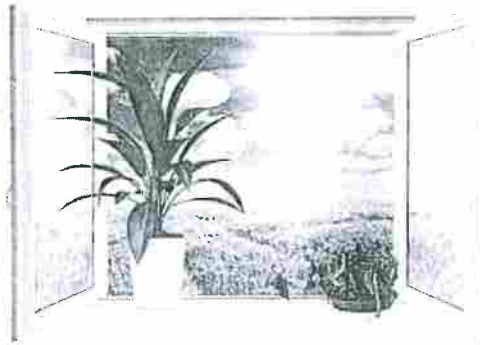
5. **mask** _____

6. **blast** _____

Name: _____ Date: _____

Directions: Read the text. Answer the questions.

Leo has two plants. He puts both plants in a window that is sunny all day long. A few days later, one of Leo's plants is green and growing. The other plant is turning brown.



1. What might be happening to the plant that is turning brown?
 - a. It is growing really fast.
 - b. It is sleeping.
 - c. It is getting too much sun.
 - d. It is growing more leaves.
2. Leo wants both of his plants to grow. What does he need to do?
 - a. give them both more light
 - b. give the brown one more light
 - c. give the green one more light
 - d. give the brown one less light
3. What could Leo do to see if the brown plant needs more shade?



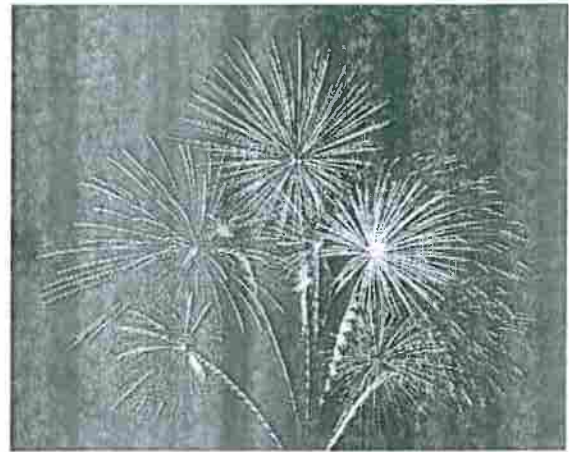
Name: _____ Date: _____

Directions: Look at the picture, and read the text. Answer the questions.



History

Here are fireworks on the Fourth of July. A long time ago, John Adams said we should have fireworks on Independence Day. This is the day we celebrate that we are free. Light up the sky! The Fourth of July is important to our community!



1. Was the Fourth of July the same or different long ago?
 - a. It was the same. Fireworks celebrated that we were free.
 - b. It was different. They did not light up the sky.
 - c. It was different. They did not celebrate that we were free.
 - d. It was different. It was not on the Fourth of July.

2. Why is the Fourth of July important to our community?

3. What does the Fourth of July mean to you?

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2025 – 2026

2nd Grade

Day 5

Table of Contents

Subject	Assignment
Math	Reteach to Build Understanding 3 - 1
Language Arts	Week 1, Day 4 – 5 Story (Reading) Week 1, Day 5 (Reading) Week 1, Day 5 (Spelling and Word Study)
Science	Week 1, Day 5 (Life Science)
Social Studies	Week 1, Day 5 (History)

Name _____

A-Z Vocabulary

1. Move down each **row** on a hundred chart to add **tens**. Move to the right, across the **columns**, to add **ones**.

Find $42 + 23$. Start at 42. Move down 2 rows. Move right 3 spaces. At which

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

number did you stop? _____

2. Find $27 + 34$. Use the hundred chart above.

First find 27. Circle it.

Break apart 34.

34 has 3 tens and _____ ones.

Start at 27. Add 3 tens.

Move DOWN 3 rows. That takes you to _____.

Now you need to add 4 ones.

Move RIGHT 4 spaces to add _____ ones.

If you come to the end of a row, go DOWN to the next row.

Where did you stop? _____ So, $27 + 34 =$ _____.

On the Back!

3. Pick any number between 44 and 49. Add to it any number between 47 and 51. Use a hundred chart to find the sum.

NAME: _____

DATE: _____

Fire Drill

Seth learned about fire drills at school. His class went on a field trip to the fire station. The firefighters talked to the students about safety. Schools have fire drills to prepare students for a fire. The firefighters told the students that they should have fire drills at home, too.

Seth went home and told his parents what he learned. His family decided to try a fire drill. First, they tested their smoke alarms. They wanted to make sure that the alarms were still working. Then, they pretended that an alarm went off. They got out of their house, and they timed the drill. It took them three minutes. They all agreed they could do better. They would try again.

Seth was happy. He felt safe. He was glad his family had done a fire drill. He knew the firefighters would be proud.



NAME: _____ DATE: _____

SCORE

___/4



Reread the text "Fire Drill."



Think about some of the ways that you are safe with your own family.



Write about one thing your family does to stay safe.

Handwriting lines for writing a response.

Spelling and Word Study

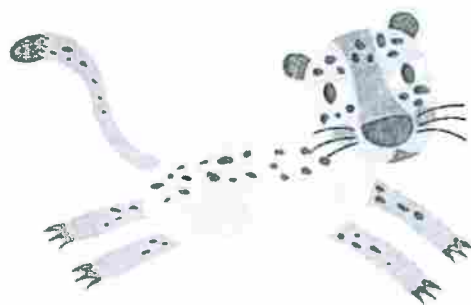
Name: _____ Date: _____

Directions: Use a word from the Word Bank to complete each analogy.

Word Bank				
ask	blast	cast	clasp	fact
fast	last	mask	past	task



- body is to **costume** as **face** is to _____
- snail is to **slow** as **cheetah** is to _____
- will walk is to **future** as **walked** is to _____
- belt is to **buckle** as **necklace** is to _____
- sprained wrist is to **bandage** as **broken wrist** is to _____
- oven is to **heat** as **dynamite** is to _____
- drawing is to **hobby** as **empty the trash** is to _____
- engine is to **first** as **caboose** is to _____
- statement is to **say** as **question** is to _____
- "I love milk." is to **opinion** as "Milk comes from cows." is to _____



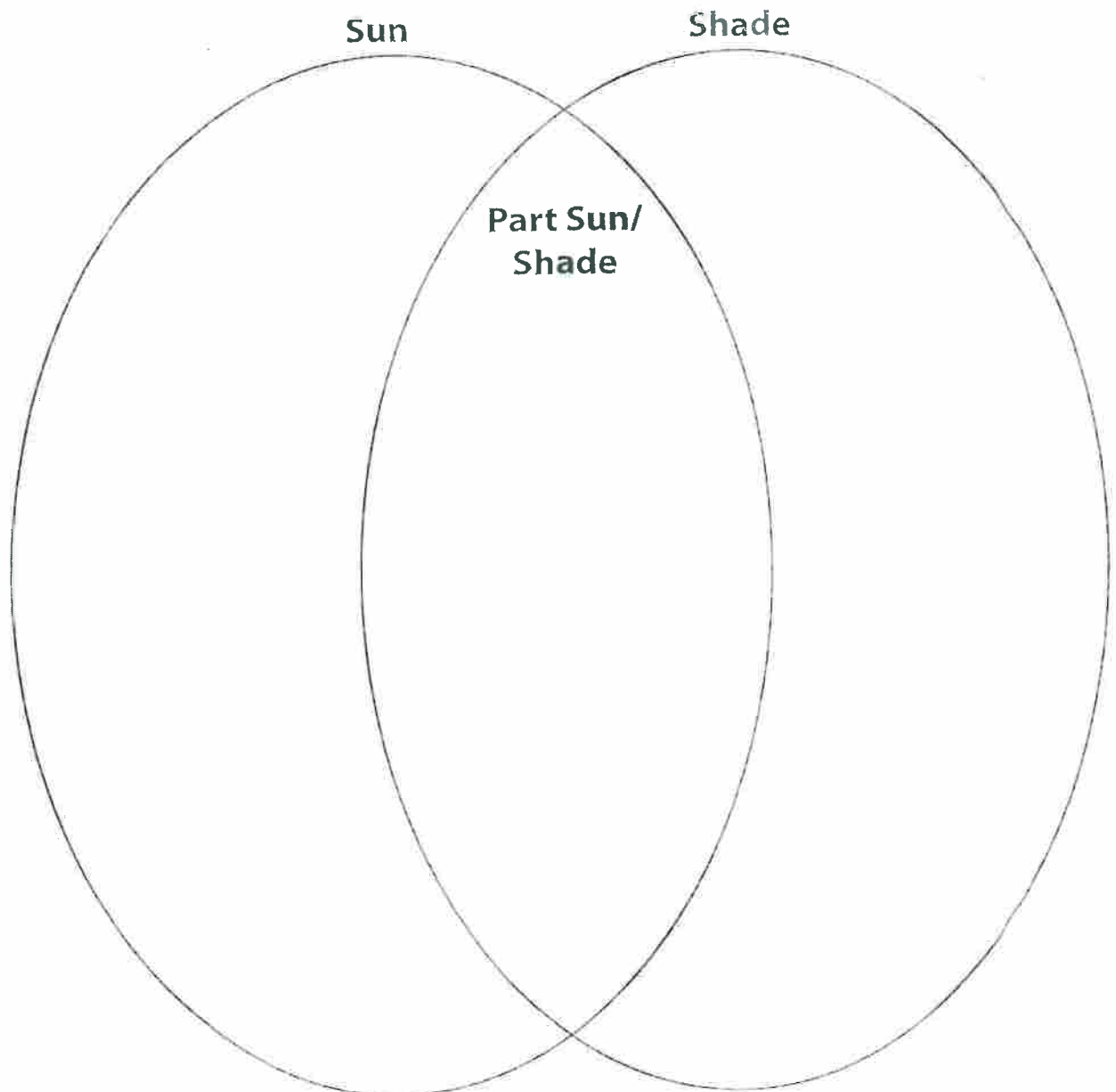
Name: _____ Date: _____

Directions: The following plants need different amounts of light. Put each plant's name in the correct part of the diagram.



Communicating Results

- **cactus**—full sun
- **fern**—shade
- **grass**—partial sun
- **ivy**—partial sun
- **sunflower**—full sun
- **viola**—shade



Name: _____ Date: _____

Directions: Look at the picture, and read the text. Answer the question.



History



In this picture, there is a fire in a town long ago. Everyone helps to put out the fire.

1. Long ago, people helped their neighbors. What do people do to help their neighbors today?



Colonel NTI Packet

2025 – 2026

2nd Grade

Day 6

Table of Contents

Subject	Assignment
Math	Reteach to Build Understanding 3 - 3
Language Arts	Week 2, Day 1 (Reading) Week 2, Day 1 (Spelling and Word Study)
Science	Week 1, Day 1 (Physical Science)
Social Studies	Week 2, Day 1 (Civics)

AZ Vocabulary

1. You can add the **tens** and **ones** of the second addend.

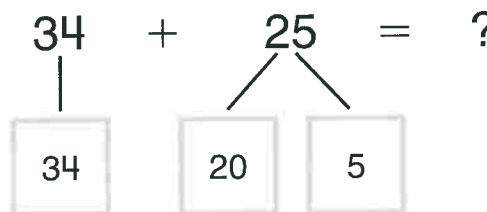
Find $34 + 25$.

First count on 2 tens from 34:

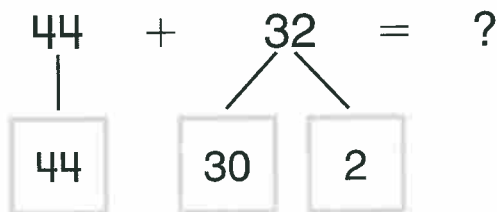
44, _____

Then add the ones. 54 and _____ ones is _____.

So, $34 + 25 =$ _____.



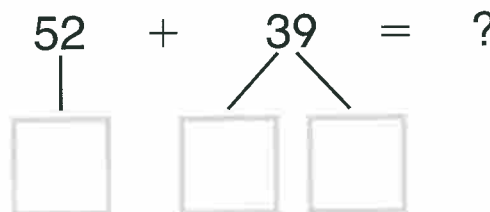
2. Add by breaking apart the second addend.



44, 54, 64, 74

74 and _____ ones is _____.

So, $44 + 32 =$ _____.



52, _____, _____, _____

_____ and _____ ones is _____.

So, $52 + 39 =$ _____.

On the Back!

3. Find $45 + 17$. Draw a picture to show how you can break apart the second addend.

NAME: _____ DATE: _____

DIRECTIONS

Read the text and then answer the questions.

Surfing is a very fun sport for people who enjoy thrilling rides. Surfers ride waves on their surfboards. They learn how to stand up. They ride the best parts of a wave. They are always looking for a fun ride!

1. What is the main topic?

- (A) sports
- (B) the ocean
- (C) waves
- (D) surfing

2. According to this text, who enjoys surfing?

- (A) people who live near the ocean
- (B) people who can swim
- (C) people who are looking for a thrilling ride
- (D) people who can stand up

3. Which of these words from the text is a compound word?

- (A) thrilling
- (B) looking
- (C) surfboards
- (D) surfers

4. What does the word *thrilling* mean?

- (A) very exciting
- (B) wet
- (C) scary
- (D) water

SCORE

1. 😊 😐

2. 😊 😐

3. 😊 😐

4. 😊 😐

___ / 4

Total

Spelling and Word Study

Name: _____ Date: _____

Directions: Use a word from the Word Bank to complete each sentence**Word Bank**

bland	damp	hand	lamp	land
pants	plant	slant	stamp	stand

1. Do snails live in the water or on _____ ?
2. It is getting dark. Please turn on the _____ .
3. My dinner was _____. It needed salt and pepper.
4. Put a _____ on the letter before you mail it.
5. I cut my _____ on the fence.
6. I packed three pairs of _____ and four shirts for the trip.
7. The water slide has a very steep _____ .
8. Please run the dryer again. The towels are still _____ .
9. We had to _____ in line for two hours!
10. Should you _____ tulip bulbs in the fall or spring?

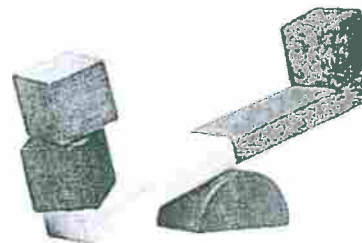


Name: _____ Date: _____

Directions: Read the text. Answer the questions.

Properties of Objects

Look at the objects around you. They are very different. Some might be made with plastic. Others might be made with wood or paper. But they all are the same in one way. They are all kinds of matter. Matter is anything that has mass and takes up space.



All kinds of matter have properties that help you describe it. You can see many properties of matter. Examples are size, shape, and color. Mass is one property of matter. An object's mass tells how much matter is in the object.

1. What is matter?
 - a. something that looks colorful
 - b. something that is heavy
 - c. anything that has mass and takes up space
 - d. anything that has a large shape
2. Which property tells you how much matter is in an object?
 - a. mass
 - b. size
 - c. shape
 - d. color
3. What is the same about all of the objects around you?

Name: _____ Date: _____

Directions: Read the text, and answer the questions.

I am an American citizen. I have *rights and freedoms*.
They protect me. They let me enjoy my life.

What are rights and freedoms? I am free to do these things.
Here are some of my rights and freedoms:

- I can follow my own religion.
- I can talk about my ideas.
- I can write my ideas and share them.
- I can meet with other people.
- I have the right to be treated fairly and equally.
- I have the right to a good education.

1. What are rights and freedoms?
 - a. things you don't talk about
 - b. things you are free to do
 - c. things you don't enjoy
 - d. things you don't protect
2. Which one is *not* true?
 - a. I can follow my own religion.
 - b. I have the right to be treated fairly and equally.
 - c. I can hurt someone else.
 - d. I have the right to a good education.
3. Why do we have rights and freedoms?
 - a. to stop us
 - b. to hurt us
 - c. to silence us
 - d. to protect us



Colonel NTI Packet

2025 – 2026

2nd Grade

Day 7

Table of Contents

Subject	Assignment
Math	Reteach to Build Understanding 3 - 7
Language Arts	Week 2, Day 2 (Reading) Week 2, Day 2 (Spelling and Word Study)
Science	Week 1, Day 2 (Physical Science)
Social Studies	Week 2, Day 2 (Civics)

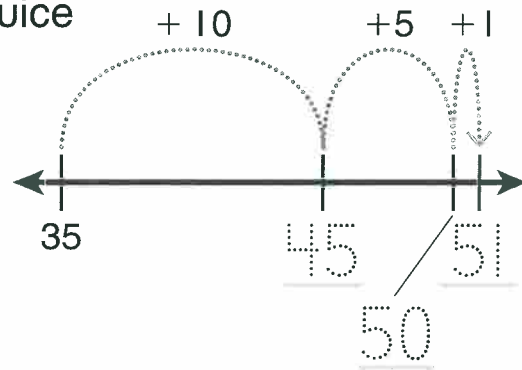
A-Z Vocabulary

1. You can use pictures, numbers, and words to make a **math argument**.

A store has 35 cartons of grape juice and 16 cartons of apple juice.

Can the store donate 50 cartons of juice to a school event?

Solve the problem. Make a math argument. One way to show your work:



Explain:

2. Solve the problem. Use pictures, words, or equations to make a math argument.

A principal has 58 square erasers and 33 round erasers.

Can 90 students each get 1 eraser?

On the Back!

3. What strategy did you use you to solve Problem 2? Why does your strategy work? Explain.

NAME: _____

DATE: _____

DIRECTIONS

Read the text and then answer the questions.

SCORE

1. 😊 😊

2. 😊 😊

3. 😊 😊

4. 😊 😊

____ / 4

Total

Lifeguards make sure that beaches are safe. Some days, it is too rough to swim in the ocean. The waves are too big. Lifeguards fly a flag. A double red flag lets people know the beach is closed. The ocean is very powerful. Even the strongest swimmers cannot swim in huge waves.

1. Which title best fits the text?

- (A) Lifeguard Training
- (B) Staying Safe at the Beach
- (C) Flying Flags
- (D) More Huge Waves

2. What is a lifeguard's main job?

- (A) to watch huge waves
- (B) to swim in the ocean
- (C) to fly flags
- (D) to make sure the beach is safe

3. What is the root word in *powerful*?

- (A) owe
- (B) power
- (C) wer
- (D) ful

4. Which of these things might be considered *too rough*?

- (A) jumping on the bed
- (B) swinging high on the swings
- (C) a hard push in a game of tag
- (D) a soccer goal

Name: _____ Date: _____

Directions: Use a word from the Word Bank for each section.

Word Bank				
bland	damp	hand	lamp	land
pants	plant	slants	stamp	stand

Write a synonym for each word.

Write an antonym for each word.

1. tilts _____
2. mark _____
3. moist _____

4. spicy _____
5. sit down _____
6. dig up _____
7. take off _____



Write a word that fits each category.

8. socks, shirt, hat, _____
9. arm, leg, foot, _____
10. flashlight, candle, light, _____



Name: _____ Date: _____

Directions: Study the chart about the properties of four sports balls. Then answer the questions.

	Basketball 	Tennis Ball 	Golf Ball	Ping Pong Ball
Color	orange	yellow	white	white
Size	very large	large	small	small
Shape	round	round	round	round



Analyzing Data

- Which sports ball is the largest?
 - basketball
 - tennis ball
 - golf ball
 - ping pong ball
- Which two sports balls are the most alike?
 - basketball and tennis ball
 - tennis ball and ping pong ball
 - golf ball and tennis ball
 - ping pong ball and golf ball
- What are some other properties you might use to describe the sports balls?

Name: _____ Date: _____

Directions: Read the text, and answer the questions.

I have *responsibilities*. These are things I need to do. I am learning to do them all on my own. I need to do good deeds.

Personal Responsibilities I Do for My Family and Me	Civic Responsibilities I Do for My Community and Country
I am responsible for my actions.	I obey the law.
I take good care of myself.	I respect other people and their rights.
I help my family.	I help my community.
I work hard at school.	I work with others to solve problems.

- You want to be responsible to your family and yourself. What can you do?
 - have a tantrum to get what you want
 - leave your dirty clothes on the floor
 - do your dishes after a meal
 - leave your toys all over your room
- You want to be responsible to your community. What can you do?
 - be rude to a police officer
 - not return your library book
 - leave a mess in the classroom
 - pick up trash in the park
- What are two other ways you can be responsible?

Colonel NTI Packet

2025 – 2026

2nd Grade

Day 8

Table of Contents

Subject	Assignment
Math	Reteach to Build Understanding 4 - 2
Language Arts	Week 2, Day 3 (Reading) Week 2, Day 3 (Spelling and Word Study)
Science	Week 1, Day 3 (Physical Science)
Social Studies	Week 2, Day 3 (Civics)

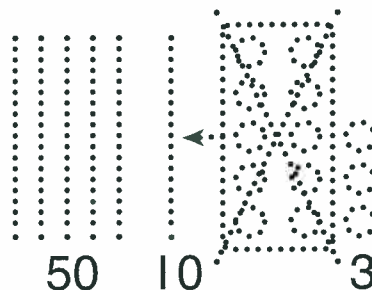
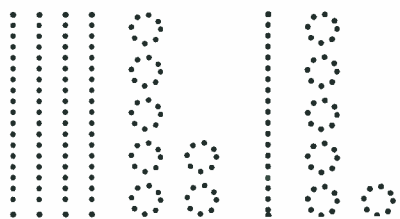
AZ Vocabulary

1. You can use drawings of place-value blocks to add 2-digit numbers to add 2-digit numbers.

Find $47 + 16$.

Draw the **addends**.

Join the **tens**. Join the **ones**.
Regroup ones if needed.



$50 + 10 + 3 = \underline{\quad}$

So, $47 + 16 = \underline{\quad}$.

Find each sum. Draw place-value blocks. Show regrouping if needed.

2. $43 + 36 = \underline{\quad}$

3. $58 + 24 = \underline{\quad}$

On the Back!

4. Find $67 + 23$.

Draw blocks to show 67 and 23.

Show how you regrouped the ones.

NAME: _____ DATE: _____

DIRECTIONS

Read the text and then answer the questions.

Shark attacks are scary. Most sharks eat meat. They like large fish or seals. They do not hunt humans, but attacks do happen. Attacks are very rare. Sharks may bite a person swimming in the ocean. They may think they are eating a seal.

1. What is this text mostly about?

- (A) seals
- (B) shark attacks
- (C) the ocean
- (D) shark food

2. What does this text **not** say about shark attacks on humans?

- (A) Shark sometimes mistake humans for food.
- (B) They are scary.
- (C) They happen in warm water.
- (D) They are rare.

3. Which word has the same root word as *eating*?

- (A) each
- (B) eaten
- (C) at
- (D) tingly

4. Which words from the text have similar meanings?

- (A) *rare* and *scary*
- (B) *like* and *bite*
- (C) *attack* and *hunt*
- (D) *think* and *like*

SCORE

1. 😊 😞

2. 😊 😞

3. 😊 😞

4. 😊 😞

___ / 4

Total

Spelling and Word Study

Name: _____ Date: _____

Directions: Study each example. Write a sentence for each word. End each sentence with the same punctuation as the example.

QUESTION Ex. *close*: Did you remember to *close* the door?

1. *plant*: _____

2. *stand*: _____

STATEMENT Ex. *note*: I wrote a thank you *note* to my friend.

3. *bland*: _____

4. *lamp*: _____

EXCLAMATION Ex. *bone*: I found a dinosaur *bone* in my yard!

5. *pants*: _____

6. *land*: _____

Name: _____ Date: _____

Directions: Read the text. Answer the questions.

Deena wants to make a tool to sort her beads. She will put the beads into an opening at the top of the tool. The opening must be large enough for each kind of bead. Beads will then be sorted when they pass through different openings inside the tool. The picture shows the kinds of beads Deena has.



1. What is different for all of the beads?
 - a. size only
 - b. shape only
 - c. color and size
 - d. shape and color

2. What question should Deena ask to help her make the tool?
 - a. What is the mass of each kind of bead?
 - b. What color is each kind of bead?
 - c. How many beads are there?
 - d. What are the shapes of the beads?

3. What other question might Deena want to ask about her beads to help her build the sorting tool?



Name: _____ Date: _____

Directions: Look at the picture, and read the text. Answer the questions.

A good citizen

- helps other people
- is kind
- tells the truth
- respects rights and property



1. Which one is true? I can be a good citizen by _____.
 - a. not letting someone play a game
 - b. helping other people
 - c. telling a lie to get what I want
 - d. calling someone a bad name

2. Which one is *not* true? A good citizen _____.
 - a. recycles paper and bottles
 - b. is kind to people and animals
 - c. pushes to the front of the line
 - d. tells the truth

3. How is the girl in the picture being a good citizen?

Colonel NTI Packet

2025 – 2026

2nd Grade

Day 9

Table of Contents

Subject	Assignment
Math	Reteach to Build Understanding 4 - 4
Language Arts	Week 2, Day 4 – 5 Story (Reading) Week 2, Day 4 (Reading) Week 2, Day 4 (Spelling and Word Study)
Science	Week 1, Day 4 (Physical Science)
Social Studies	Week 2, Day 4 (Civics)

A-Z Vocabulary

1. You can use drawings of blocks and **partial sums** to add 2-digit numbers.

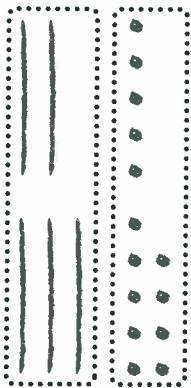
Find $25 + 39$.

Find the partial sums.

Add the tens.

Then add the ones.

Add the partial sums.



	Tens	Ones
	2	5
+	3	9
Tens:		
Ones:		

	Tens	Ones
	2	5
+	3	9
Tens:	5	0
Ones:	1	4
Sum:		

Find each sum. Use drawings of place-value blocks and find partial sums.

2. $54 + 28 =$ _____

	Tens	Ones
	5	4
+	2	8
Add the tens.	7	0
Add the ones.	1	2
Sum:		

3. $46 + 37 =$ _____

	Tens	Ones
	4	6
+	3	7
Tens:		
Ones:		
Sum:		

On the Back!

4. Find $45 + 35$. Draw place-value blocks to show 45 and 35. Use partial sums to add.

NAME: _____ DATE: _____

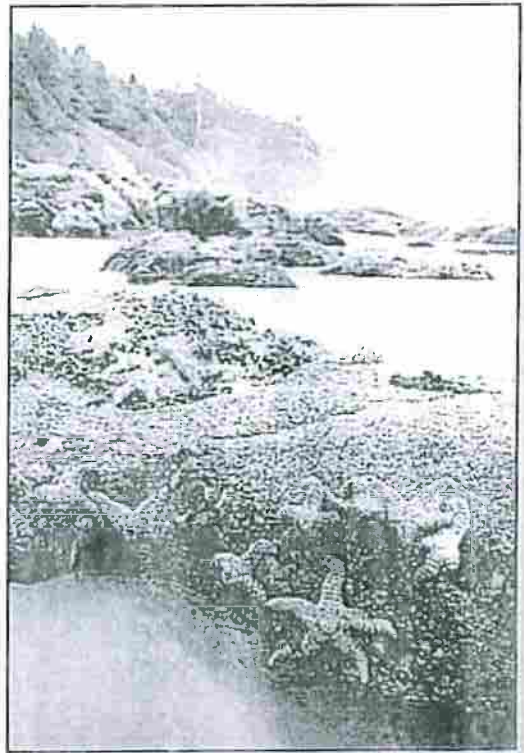
Investigating Tide Pools

Tide pools are small, rocky pools. They are found on the beach. They fill with water at high tide. At low tide, the water goes away. People can then walk to them. Plants and animals live inside.

A tide pool is a unique habitat. The organisms must survive in high and low tides. They are at great risk. They might be swept away by the ocean. Seagulls like to snack on tide pool creatures. Too much sun can dry them out, too.

Starfish live in tide pools. Starfish come in a variety of sizes and colors. They like to eat mussels. A starfish wants a mussel before a gull eats it instead!

Anemones (uh-NEM-uh-nee-z) also live in tide pools. They eat very tiny fish. Anemones are fun to spot. They look a bit like flowers. They add a lot of color to a tide pool.



NAME: _____ DATE: _____

DIRECTIONS

Read "Investigating Tide Pools" and then answer the questions.

1. Which shows a connection to the text?
- (A) I like to play in the sandbox at the park.
 - (B) I play at the beach with my grandparents.
 - (C) I noticed a tide pool on the beach and studied the creatures inside.
 - (D) A starfish is a star.

2. What kind of bird likes to snack on mussels?
- (A) seagalls
 - (B) seagulls
 - (C) seagulps
 - (D) seagails

3. When does the water leave the tide pool?
- (A) on a low ride
 - (B) at low tide
 - (C) on a low side
 - (D) with a law ride

4. Why is a tide pool a unique habitat?
- (A) Starfish all look the same.
 - (B) Birds prey on the food there.
 - (C) It exists in low and high tides.
 - (D) It is found on the beach.

5. Which is the best summary of the text?
- (A) Tide pools are unique habitats with interesting plants and animals.
 - (B) Starfish like to eat mussels.
 - (C) Tide pools take up space on our beaches.
 - (D) Anemones eat tiny fish.

SCORE

1. 😊 😊

2. 😊 😊

3. 😊 😊

4. 😊 😊

5. 😊 😊

____ / 5
Total

Name: _____

Date: _____

Directions: Study how the words change when you add new endings. Add the same endings to each word to create new words.

1. **slant** slants slanting slanted

plant _____

2. **camp** camps camping camped

stamp _____

3. **hand** hands handing handed

land _____

Directions: Find three words in the Word Bank that are related to each of the spelling words. Write the words on the correct lines.

Word Bank				
lampshade	standby	lamps	handshake	handful
standing	kickstand	handy	streetlamp	

4. **hand** _____

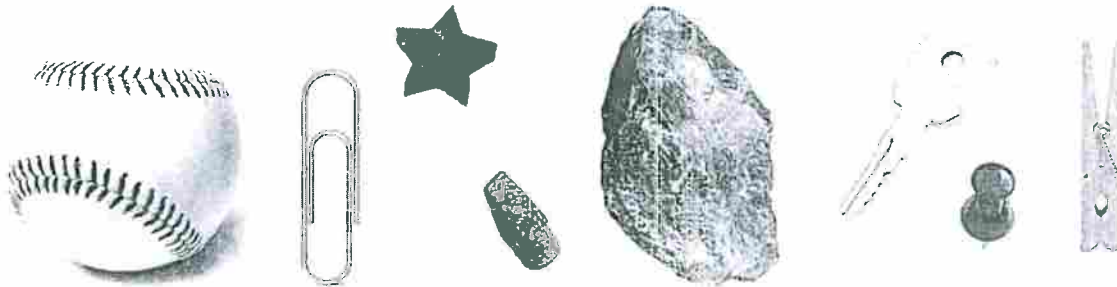
5. **stand** _____

6. **lamp** _____

Name: _____ Date: _____

Directions: Read the text. Answer the questions.

Ian needs to sort a group of objects into three smaller groups. The objects in each group should have one property that is the same.



1. What is the same about all of the objects?
 - a. They are all the same size.
 - b. They are all the same shape.
 - c. They are all the same mass.
 - d. They are all made of matter.
2. Ian puts the star, pin, and eraser into a group. What property did he use to sort the objects?
 - a. size
 - b. shape
 - c. color
3. Is there more than one property that Ian can use to sort the objects? Explain



Name: _____ Date: _____

Directions: Look at the picture, and read the text. Answer the questions.

How can we work together? We can work with our family. We can work together with people at our school. We can work with our community. We can even work with people who live far away.

We help people in many ways. We help by getting along. We help by following rules. We can give food and clothing to people who are homeless.

We can protect our environment. We can reuse and recycle. We do more when we work together.



Civics

1. Which one is *not* true?
 - a. We can work together by following rules.
 - b. We can work together by getting along.
 - c. We can work together by giving food.
 - d. We can work together by starting a fight.
2. What can we do to help people we don't know?
 - a. Send money.
 - b. Send food.
 - c. Send clothing.
 - d. all of the above
3. What are two ways you can work together at your school?

Colonel NTI Packet

2025 – 2026

2nd Grade

Day 10

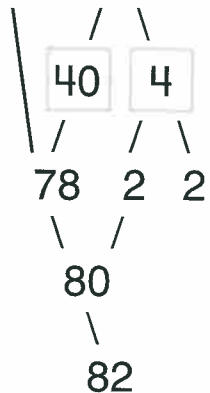
Table of Contents

Subject	Assignment
Math	Reteach to Build Understanding 4 - 5
Language Arts	Week 2, Day 4 – 5 Story (Reading) Week 2, Day 5 (Reading) Week 2, Day 5 (Spelling and Word Study)
Science	Week 1, Day 5 (Physical Science)
Social Studies	Week 2, Day 5 (Civics)

A-Z Vocabulary

1. Find $38 + 44 = ?$. You can **break apart** the second **addend** to add **mentally**.

$$38 + 44 = ?$$



Break apart 44 into tens and ones.

Add: $38 + 40 = \underline{\quad}$

Break apart the ones.

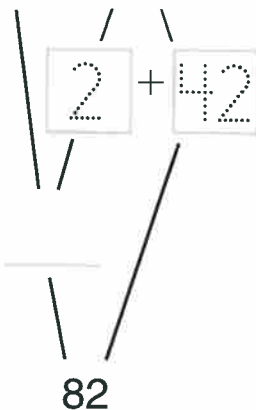
Next: $78 + 2 = \underline{\quad}$

Then: $80 + 2 = \underline{\quad}$

So, $38 + 44 = \underline{\quad}$.

2. Break apart the second addend to make a 10.

$$38 + 44 = ?$$



Think: $38 + \underline{\quad} = 40$

Add mentally.

$40 + \underline{\quad} = 82$

So, $38 + 44 = \underline{\quad}$.

On the Back!

3. Find $26 + 39$. Break apart the second addend.
Show your work.

NAME: _____

DATE: _____

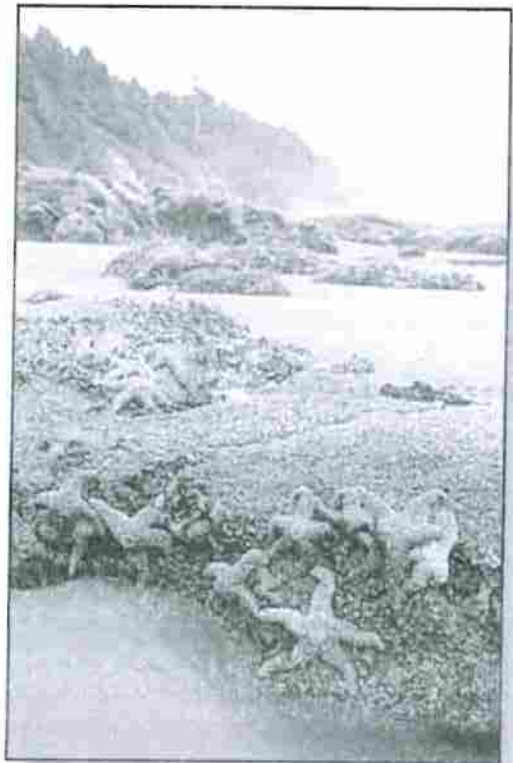
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Anemones (uh-NEM-uh-nee-z) also live in tide pools. They eat very tiny fish. Anemones are fun to spot. They look a bit like flowers. They add a lot of color to a tide pool.



Spelling and Word Study

Name: _____ Date: _____

Directions: Use a word from the Word Bank to complete each analogy.

Word Bank

bland	damp	hand	lamp	land
pants	plant	slant	stamp	stand

1. **heat** is to **furnace** as **light** is to _____
2. **lake** is to **water** as **island** is to _____
3. a **lot of water** is to **soaked** as a **little water** is to _____
4. **chair** is to **sit** as **floor** is to _____
5. **sock** is to **foot** as **mitten** is to _____



6. **salsa** is to **spicy** as **toast** is to _____
7. **arms** is to **shirt** as **legs** is to _____
8. **fruit** is to **harvest** as **seed** is to _____
9. **passenger** is to **ticket** as **mail** is to _____
10. **C, S, O** is to **curve** as **A, W, X** is to _____

Name: _____ Date: _____

Directions: Use a property to sort the buttons into two groups. Draw one group in the box on the left. Draw the other group in the box on the right. Write the property you used below the boxes.

ABC

Communicating Results



Group 1	Group 2

Name: _____ Date: _____

Directions: Make up a list of four rules for being a good citizen. Think about our rights and freedoms. Think about our responsibilities. Think about ways to work together.



Civics

How to Be a Good Citizen

Rule #1

Rule #2

Rule #3

Rule #4

