DISTANCE LEARNING PACKET

2ND GRADE
Name ________________________  

Daily Math Warm Up - 6

<table>
<thead>
<tr>
<th></th>
<th>315</th>
<th>Solve.</th>
<th>46</th>
<th>53</th>
</tr>
</thead>
<tbody>
<tr>
<td>410</td>
<td></td>
<td></td>
<td>420</td>
<td></td>
</tr>
<tr>
<td>510</td>
<td></td>
<td></td>
<td>727</td>
<td>-24</td>
</tr>
</tbody>
</table>

Choose the correct symbol. (,<,>,=)

- 243 □ 423
- 716 □ 771

Finish the pattern.

140, 138, 136, ____ , ____

571, 570, 569, ____ , ____

Finish the pattern.

Put the numbers in order.

334, 272, 217, 349

____ , ____ , ____ , ____

least  greatest

Put the numbers in order.

486, 984, 493, 997

____ , ____ , ____ , ____

greatest  least

Write the number that is one before.

____ , 217  
____ , 168

____ , 929  
____ , 329

Write the number that is between.

295, ____ , 297

807, ____ , 809

891, ____ , 893

109, ____ , 111

Mike takes a card with the number 63 on it. John takes a card that is 10 less than 63. What number does John take?

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Smiling and Shining in Second Grade
Test Practice 5

Choose the correct answer to solve the problem. If the answer is not given, choose "none of these."

<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. If these numbers are written in order from least to greatest, which number will be fourth?</td>
<td>A 7</td>
</tr>
<tr>
<td></td>
<td>B 10</td>
</tr>
<tr>
<td></td>
<td>C 9</td>
</tr>
<tr>
<td></td>
<td>D none of these</td>
</tr>
<tr>
<td>2. Find the missing numbers.</td>
<td>A 2, 4, 7</td>
</tr>
<tr>
<td></td>
<td>B 4, 5, 7</td>
</tr>
<tr>
<td></td>
<td>C 5, 7, 9</td>
</tr>
<tr>
<td></td>
<td>D none of these</td>
</tr>
<tr>
<td>3. Find the missing numbers.</td>
<td>A 16, 22, 23</td>
</tr>
<tr>
<td></td>
<td>B 15, 20, 22</td>
</tr>
<tr>
<td></td>
<td>C 16, 21, 23</td>
</tr>
<tr>
<td></td>
<td>D none of these</td>
</tr>
<tr>
<td>4. How many stars should be added on the left to make the sets equivalent?</td>
<td>A 4</td>
</tr>
<tr>
<td></td>
<td>B 6</td>
</tr>
<tr>
<td></td>
<td>C 3</td>
</tr>
<tr>
<td></td>
<td>D none of these</td>
</tr>
<tr>
<td>5. Which number has 8 tens?</td>
<td>A 280</td>
</tr>
<tr>
<td></td>
<td>B 208</td>
</tr>
<tr>
<td></td>
<td>C 820</td>
</tr>
<tr>
<td></td>
<td>D none of these</td>
</tr>
<tr>
<td>6. Which number has 5 hundreds?</td>
<td>A 452</td>
</tr>
<tr>
<td></td>
<td>B 354</td>
</tr>
<tr>
<td></td>
<td>C 534</td>
</tr>
<tr>
<td></td>
<td>D none of these</td>
</tr>
<tr>
<td>7. Find the number one-hundred twenty-one.</td>
<td>A 120</td>
</tr>
<tr>
<td></td>
<td>B 102</td>
</tr>
<tr>
<td></td>
<td>C 221</td>
</tr>
<tr>
<td></td>
<td>D none of these</td>
</tr>
</tbody>
</table>
1. Circle the misspelled word.
   - house
   - school
   - word

2. Circle the complete subject and underline the predicate in each sentence.
   a. The little girl lost her favorite book.
   b. Eight big clowns rode in a little car.
   c. My friend gave me a gift for my birthday.

3. Circle the correct homophone to complete the sentence.
   a. (To, Two) dogs chased a rabbit down the road.
   b. Mom has a huge (flower, flour) garden in our backyard.

4. Circle the correct pronoun in each sentence.
   a. (I, Me) love to draw and paint.
   b. (Her, She) is getting a kitten for her birthday.
   c. My dogs followed (us, we).

5. Circle the nouns and underline the verb in each sentence.
   a. The boys played basketball at the park.
   b. The kitten chased the butterfly around the yard.
   c. The squirrel ate two acorns.

6. Circle the contraction for will not.
   - willn’t
   - won’t
   - wo’n’t

7. Rewrite the sentence correctly. Remember to check for spelling and punctuation.
   Mrs Smith is a very nice teacher?
Chapter 1
What Are Hot Air Balloons?

A hot air balloon is a type of aircraft. The part that looks like a balloon is called an envelope. The balloon rises when the envelope is filled with hot air from a flame. There is a basket below the envelope that people can ride in.

Glossary

aircraft  a machine that can fly
basket  the part of a hot air balloon that people ride in
envelope  the part of a hot air balloon that holds heated air
Explore

How can text features help you find and understand information about hot air balloons?

Think

1. Look back at the text features in *Hot Air Balloons*. Fill in the chart to tell which text feature you would use to answer the questions in the chart.

<table>
<thead>
<tr>
<th>What You Want to Find</th>
<th>Text Feature You Would Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Who made the first hot air balloon?</td>
<td></td>
</tr>
<tr>
<td>What does the word “aircraft” mean in the book <em>Hot Air Balloons</em>?</td>
<td></td>
</tr>
<tr>
<td>Why does the balloon rise when it is filled with hot air?</td>
<td></td>
</tr>
</tbody>
</table>

I know the table of contents will tell me the topics in the book. I’ll read that first.

Talk

2. How can a table of contents and a glossary help you understand the information in a book? Talk about your ideas with a partner.

Write

3. **Short Response** How can the table of contents and glossary in *Hot Air Balloons* help you locate and understand the information in the book? Write your answer in the space on page 194.

**HINT** Think about what each feature does before you write your answer.
Name ______________________________

Daily Math Warm Up - 7

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>270</td>
<td></td>
</tr>
<tr>
<td>360</td>
<td>380</td>
</tr>
<tr>
<td>460</td>
<td></td>
</tr>
</tbody>
</table>

Solve.

\[
\begin{align*}
68 + 29 &= 97 \\
63 - 28 &= 35
\end{align*}
\]

Choose the correct symbol. (\(\,<,=\,>\))

\[
\begin{align*}
413 &\quad \bigcirc \quad 433 \\
776 &\quad \bigcirc \quad 667
\end{align*}
\]

Finish the pattern.

345, 355, 365, _______, _______

Finish the pattern.

700, 690, 680, _______, _______

Put the numbers in order.

234, 472, 217, 449

least, ______, ______, greatest

Put the numbers in order.

786, 974, 793, 397

greatest, _______, _______, least

Write the number that is one before.

_______, 560

_______, 148

_______, 999

_______, 789

Write the number that is between.

879, ______, 881

811, ______, 813

459, ______, 461

209, ______, 211

Solve.

\[
\begin{align*}
346 + 10 &= 356 \\
873 + 10 &= 883 \\
542 + 10 &= 552 \\
242 + 10 &= 252
\end{align*}
\]
Day 7

Test Practice 3

Fill in the correct answer bubble.

Use the calendar to answer the questions 1–3.

<table>
<thead>
<tr>
<th>JANUARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>15</td>
</tr>
<tr>
<td>22</td>
</tr>
<tr>
<td>29</td>
</tr>
</tbody>
</table>

1. What is the name of the month?
   December January February
   A        B         C

2. How many days are in this month?
   30       31        32
   A        B         C

3. What day of the week is the 22nd?
   Tuesday Thursday Saturday
   A        B         C

4. Complete the pattern.
   15, 30, __, 60, 75
   45 35 90
   A  B  C

5. About how long could you hold your breath?
   10 seconds 10 minutes 10 hours
   A  B  C

6. It is 3:45. What time will it be in 15 minutes?
   4
   A  B  C

7. A new bus leaves every 15 minutes. If a bus left at 7:15, what time will the next bus leave?
   7:00 7:45 7:30
   A  B  C

8. At the circus there were 30 big cats, 40 bears, 10 birds, and 10 elephants. How many animals were there in all?
   90 100 80
   A  B  C
1. Write the abbreviation for the following words.
   a. Doctor
   b. Street
   c. Avenue
   d. Mister

2. Divide each word into syllables.
   a. cradle
   b. purple
   c. muscle
   d. twinkle
   e. tiger
   f. photo
   g. broken
   h. robot

3. Circle the collective noun in each sentence.
   a. My family went to the park.
   b. Our baseball team tied for first place.
   c. My class performed on stage.

4. Circle the words that have a similar meaning as toss.
   throw, catch, bounce, hurl, fling, dribble, roll, pitch

5. Circle the correct verb in each sentence.
   a. The puppy (bark, barks) at the boy.
   b. My cats (purr, purrs) when I hold them.
   c. The little girl (hug, hugs) the kitten.

6. Circle the prefix or suffix in each word.
   fearless, repeat, unzip

7. Rewrite the sentence correctly. Remember to capitalize proper nouns.
   We went to Lake Shasta for a picnic?
Bullet Trains
by Tiffany Gibson

Introduction

1 People travel from place to place in many different ways. Some ride the bus. Others drive a car. This book explores another kind of transportation: bullet trains!

2 Bullet trains are the fastest trains in the world. Hop on board and hang on tight! This book shares facts about modern bullet trains. Discover which countries and cities use bullet trains today. Find out how fast a bullet train can go. Learn how the trains are made and how they can move so fast. See how many people ride the train each year. You can even learn what energy source bullet trains use.

Index

Countries with bullet trains
- Brazil, 5
- China, 6–9
- Japan, 3–4, 10–11
- Taiwan, 9
- United Kingdom, 2

Energy source, 12
Number of trains, 7
Running a train, 3–12
Speed, 6, 12

Close Reader Habits

How is the Index organized? Think about how this can help you quickly locate information you need.
Think

1. Look again at the index. On which page can you find information about the kind of energy bullet trains use?
   A. page 5
   B. page 7
   C. page 10
   D. page 12

2. Which page might tell you which cities in China have bullet trains?
   A. page 2
   B. page 5
   C. page 6
   D. page 10

3. Would you be able to find key facts on page 10 about the speed of bullet trains? How can you tell?

   ____________________________

   ____________________________

   ____________________________

Talk

4. Where would you look if you wanted to find out how bullet trains are run? Talk with a partner about why you would look there.

Write

5. Short Response  What information about bullet trains is included in the passage? How can the index help you find more information about bullet trains in this book? Write your answer in the space on page 195.
Daily Math Warm Up - 8

Put the numbers in order from greatest to least.
886, 448, 473, 727
____, ____ , ____ , ____

Finish the pattern.
337, 437, 537, ____ , ____ , ____
845, 840, 835, ____ , ____ , ____

Chris takes the number ________.

Add.

\[
\begin{array}{ccc}
23 & + 59 & = \\
37 & + 27 & = \\
\end{array}
\]

Subtract.

\[
\begin{array}{ccc}
71 & - 27 & = \\
46 & - 37 & = \\
\end{array}
\]

Write the number.

\[
\begin{array}{ccc}
\text{Expanded Form} & : & \\
\text{Standard Form} & : & \\
\end{array}
\]

Find the sum.

\[
\begin{array}{ccc}
4 + 2 + 6 & = \\
5 + 5 + 7 & = \\
6 + 8 + 2 & = \\
2 + 7 + 3 & = \\
5 + 4 + 6 & = \\
\end{array}
\]
Test Practice 6

Choose the next shape or number in the pattern. Choose “Not Here” if the number or pattern is not one of the choices given.

1. \( \triangle \square \square \bigcirc \square \square \triangle \) —
   
   A) \( \bigcirc \)  
   B) \( \triangle \)  
   C) \( \square \)  
   D) Not Here

2. 11, 12, 13, 14, 15, —
   
   A) 14  
   B) 17  
   C) 16  
   D) Not Here

3. \( \bigcirc \bigtriangleup \bigcirc \star \bigcirc \bigtriangleup \) —
   
   A) \( \square \)  
   B) \( \bigtriangleup \)  
   C) \( \star \)  
   D) Not Here

Mr. Todd’s class voted on their favorite ice-cream flavors. The graph shows how many students chose each flavor. Use the graph to answer the questions.

**Favorite Ice-Cream Flavors**

<table>
<thead>
<tr>
<th>Flavor</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanilla Cream</td>
<td>2</td>
</tr>
<tr>
<td>Chunky Chocolate</td>
<td>7</td>
</tr>
<tr>
<td>Gooey Peanut Butter</td>
<td>4</td>
</tr>
<tr>
<td>Sweet Strawberry</td>
<td>1</td>
</tr>
<tr>
<td>Cherry Cheesecake</td>
<td>6</td>
</tr>
</tbody>
</table>

4. Which flavor did more students choose than any other?
   
   A) Chunky Chocolate  
   B) Sweet Strawberry  
   C) Gooey Peanut Butter  
   D) Cherry Cheesecake

5. How many students chose Cherry Cheesecake or Vanilla Cream?
   
   A) 1  
   B) 6  
   C) 7  
   D) 4

6. How many students are in Mr. Todd’s class?
   
   A) 20  
   B) 22  
   C) 26  
   D) 24
1. Cross out the word that does not belong in the group of words.

<table>
<thead>
<tr>
<th>pretty</th>
<th>beautiful</th>
</tr>
</thead>
<tbody>
<tr>
<td>cute</td>
<td>gorgeous</td>
</tr>
<tr>
<td>ugly</td>
<td>attractive</td>
</tr>
</tbody>
</table>

2. Use proofreading marks for the words that need a capital letter.

- do you decorate a tree for christmas?
- i like to dye eggs for easter.
- we are having a halloween party this year.

3. Write the number of syllables for each word.

<table>
<thead>
<tr>
<th>a. starfish</th>
<th>b. octopus</th>
<th>c. lobster</th>
<th>d. crab</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>4</td>
<td>3</td>
</tr>
</tbody>
</table>

4. Circle the correct way to begin a letter.

- Dear, Anna
- Dear anna,
- Dear Anna,

5. Write the past tense verb for each word.

- a. grow
- b. drive
- c. write

6. Add commas and circle the letters that should be capitalized.

```
April 16, 2015

dear becky

i am having a birthday party on saturday at 2:00. would you like to attend? there will be lots of games to play.

your friend
sherri
```

7. Write 2 words that rhyme with beep.

```
boil
```

8. Circle the misspelled word in each sentence and write it correctly on the line.

- a. What number comes before ten? _____________
- b. I don’t know the answer. _____________
Text Features

Juliette Gordon Low
Girl Scout Founder and Leader

In 1912, Juliette Gordon Low (1860-1927) founded Girl Scouts of the USA. Today they serve millions of girl members and alumnae. Juliette Low is credited with establishing and developing a global movement that has changed the world.

The organization continues to reflect the timeline of her remarkable life. Low organized the first Girl Scout troop on March 12, 1912, in Savannah, Georgia. Every year since, Girl Scouts help girls discover their strengths, passions, and talents. Today, the organization is led by the chief executive officer, National Board of Directors, and many more in over 100 local councils across the United States.

Is there a local Girl Scout Troup at your school?

- alumnae: a female graduate or former student of a particular school, or member of an organization.
- establishing: set up (an organization, system, or set of rules) on a firm or permanent basis.
- reflect: to show, express, or be a sign of something
Daily Math Warm Up - 9

Put the numbers in order from greatest to least.
186, 348, 373, 127

Finish the pattern.
305, 310, 315, ____, ____

649, 659, 669, ____, ____

Tim and Paula play a game. Tim spins 567. Paula spins a number that is 30 less than 567. What number does Paula spin?

Paula spins a ____. 

Add.

\[
\begin{array}{c}
42 \\
+27 \\
\hline \\
\end{array} 
\quad \begin{array}{c}
37 \\
+58 \\
\hline \\
\end{array} 
\quad \begin{array}{c}
81 \\
-56 \\
\hline \\
\end{array} 
\quad \begin{array}{c}
78 \\
-25 \\
\hline \\
\end{array} 
\]

Subtract.

Write the number.

Rick's mother gave him 4 quarters and 2 dimes. How much money does Rick have?

Expanded Form

Standard Form

\[ \underline{\text{C}} \]
Test Practice 2

1. How many students chose dogs as their favorite animal?

Favorite Animals

<table>
<thead>
<tr>
<th>birds</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>![image]</td>
<td>![image]</td>
<td></td>
</tr>
<tr>
<td>dogs</td>
<td>![image]</td>
<td>![image]</td>
<td>![image]</td>
</tr>
<tr>
<td>cats</td>
<td>![image]</td>
<td>![image]</td>
<td>![image]</td>
</tr>
<tr>
<td>fish</td>
<td>![image]</td>
<td>![image]</td>
<td></td>
</tr>
</tbody>
</table>

(A) 5  (B) 9  (C) 7  (D) 8

2. The tomato plants in Mr. Green's garden are in two equal rows.
Which could not be the total number of tomato plants?

(A) 40  (B) 36  (C) 42  (D) 29

3. Look for a pattern. Find the next three numbers.

39, 34, 29, _____, _____, _____

(A) 23, 18, 13  (B) 25, 18, 15  (C) 24, 19, 14  (D) 28, 27, 26

4. Which shape belongs with the group?

(A) ![image]  (B) ![image]  (C) ![image]
1. Circle the word that rhymes with plate.
   
   galt  
   played  
   flame 

2. Use proofreading marks for the words that need a capital letter.
   
   a. I have lived in texas, utah, and montana.  
   b. javier, john, and andrew are going to fly kites at jackie robinson park.

3. Write the number of syllables for each word.
   
   a. teacher _________
   b. library _________
   c. science _________

4. Circle the correct way to end a letter.
   
   Your Friend
   your, friend
   Your friend,

5. Write the past tense verb for each word.
   
   a. drink ____________
   b. begin ____________
   c. find ____________

6. Circle the word that best completes the sentence.
   
   a. The boy _________ from the tree.
      jumped   jump   jumping
   
   b. My brother and I _________ to the park.
      walks   walked   walking

7. Circle the word that is spelled correctly.
   
   again
   agen
   againe

8. Rewrite the sentence correctly.

   me and my bruther wont a new bicke.
Almost everybody knows about Pecos Bill. He was born in Texas a long time ago. He grew up with a pack of coyotes. He was one of the toughest cowboys in the West.

Pecos Bill had a horse named Flash. He treated Flash like his best friend. But Bill didn’t just ride horses. He could ride anything that came along.

One day, Bill was riding Flash through the mountains. A giant mountain lion jumped out in front of them. The big cat growled and showed its sharp teeth. Bill jumped off Flash and sent him home so he was safe.

Was Bill scared? Of course not! He grabbed a rattlesnake and made it into a lasso. Then he threw the lasso over the mountain lion and pulled it in. The cat knew it was no match for big Bill, so it gave up. Quickly, Bill jumped onto its back. Then he rode the mountain lion all the way home.
Think

1. Which sentence tells something that happens in the middle of the story?
   
   A. Bill grew up with a pack of coyotes.
   B. Bill was born in Texas a long time ago.
   C. Bill sends Flash home to keep him safe.
   D. Bill rides the giant mountain lion back home.

2. Why does Bill grab the rattlesnake?
   
   A. to use it like a rope to catch the mountain lion
   B. to save it from being hurt by the mountain lion
   C. to stop it from scaring his horse, Flash
   D. to try to scare away the mountain lion with it

Talk

3. What does Bill do when the mountain lion jumps in front of him? Recount these events to your partner in your own words.

Write

4. Short Response  Recount the end of the story. Tell the most important events in order, using your own words. Write your answer in the space on page 113.
Put the numbers in order from greatest to least.
386, 348, 338, 368

Finish the pattern.
385, 390, 395, ______, ______, ______
566, 568, 570, ______, ______, ______

Pat’s father gave him 3 quarters, 1 dime and 2 nickels. How much money does Pat have?

Subtract.
\[
\begin{array}{c}
37 \\
-15 \\
\hline
12 \\
\end{array}
\]

Write the number.

Expanded Form

Standard Form

Solve.
46 + 10 = ______
63 + 10 = ______
72 + 10 = ______
82 + 10 = ______
1. Look for a pattern. Find the next three numbers.

9, 11, 13, ___ ___ ___

(A) 15, 17, 19 (B) 16, 16, 20 (C) 14, 16, 18 (D) 14, 15, 16

2. How many fewer children like the \( \heartsuit \) than the \( \star \)?

\[
\begin{array}{|c|c|c|c|c|}
\hline
& & & & \\
\hline
10 & & & & \\
\hline
9 & & & & \\
\hline
8 & & & & \\
\hline
7 & & & & \\
\hline
6 & & & & \\
\hline
5 & & & & \\
\hline
4 & & & & \\
\hline
3 & & & & \\
\hline
2 & & & & \\
\hline
1 & & & & \\
\hline
\end{array}
\]

(A) 1 (B) 3 (C) 4 (D) 6

3. Look at the letter pattern. Which letter comes next?

A, A, A, B, C, C, C, D, E, E, E, ___

(A) A (B) C (C) F (D) E

4. Look for a pattern. Find the missing numbers.

3, 7, 11, ___ 19, ___ 27, 31, ___

(A) 15, 23, 35 (B) 14, 24, 33 (C) 13, 21, 37 (D) 15, 22, 32
1. Circle the word that has the same vowel sound as in peer.
   - hard
   - fear
   - more

2. Circle the complete subject and underline the predicate.
   a. Mr. Dennis and my dad cut down trees.
   b. The plumber fixed our leaky faucet.
   c. Grandma and I baked three dozen cookies.

3. Match the collective noun to the noun.
   - deck
   - bouquet
   - chain
   - crowd
   - people
   - flowers
   - cards
   - islands

4. Match the words to make compound words.
   - shoe
   - jelly
   - pan
   - corn
   - fish
   - dog
   - lace
   - cake

5. Circle the correct homophone to complete each sentence.
   a. I (made, maid) my bed this morning.
   b. kayla has a blister on her (heal, heel).

6. Write the plural form for each word.
   a. woman ________________
   b. tooth ________________
   c. child ________________

7. Circle the misspelled word in each sentence and write it correctly on the line.
   a. I saw a funnee movie. ________________
   b. Amy licks to play in the sand. ________________
   c. I am hopping for snow. ________________

8. Circle the proper nouns.
   - Texas
   - boy
   - teacher
   - Mr. Johnson
Wheels and Axles by Ed Green

1. A simple machine has few or no moving parts. One kind of simple machine is a wheel and axle. A wheel and axle can help move people or objects from one place to another.

2. Wheels and axles are all around you. Cars and bicycles have wheels and axles. A skateboard has them. Even a Ferris wheel is really just a big wheel and axle!

3. This simple machine has a large wheel. It also has a rod, called an axle. The axle goes through the center of the wheel. When the axle is turned, the wheel also turns.