



Compton USD Learning Packet #3

Eighth Grade

Name _____

8th Grade Learning Packet

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Week 4

Day	Lesson	Date Completed
1	1) CATQ - The Whistle. Read selection. Answer questions #1-10 2) Language Spiral #2 - Answer questions #1-8	
	Math 1) Complete Next Gen Math Transformations problems 1-8 all	
	History - Read, "Document A: Ernest de Massey (Modified)". Study vocabulary words.	
2	1) Reread the selection The Whistle. Complete assignment: The Whistle - Context Clues 2) G7-8 10 Week Spiral Review 2-1. Answer questions 1-8	
	Math Go Math 2.4 Operations with Scientific Notation 1) Go Math 2.4 Scientific Notation on a Calculator 2) Complete Your Turn problems 4 - 9 all 3) Complete Guided Practice 9-14 all	
	History - study, "Gold Rush Timeline"	
3	1) Language Spiral #2 - Answer questions #9-18 2) My SBAC Coach - Read the article, "Your Vote May Count Sooner Than You Think". Take notes.	
	Math Go Math 2.4 Operations with Scientific Notation 1) Independent Practice - Answer questions 16 - 25 all	
	History - Read, "Document B: Henry V. Huntley (Modified)" Study vocabulary words	
4	1) Language Conventions: Infinitives 2) My SBAC Coach - What is the central idea of the text? Use key details from the passage to support and explain your answer.	
	Math 1) Complete Next Gen Exponents and Scientific Notation 1-8	
	History - Answer Guiding Questions #1-6, "Document A: Ernest de Massey"	

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LOCAL HOLIDAY NO SCHOOL

Recommended Online Usage

I-Ready Reading - 45 minutes per week

I-Ready Math - 45 minutes per week

Imagine Learning for English Learners - 90 minutes per week

Dreambox - 90 minutes per week

Collection 4: Approaching Adulthood

Anchor text 1: The Whistle **LEXILE:** 800 L

Background An award-winning author, Anne Estes (born 1936) grew up in Corpus Christi, Texas. Shortly after high school, she and her mother moved to a ranch in New Mexico, her mother, a native New Mexican, was the family historian and storyteller. Through her stories, she imbued in her daughter an appreciation for the history and diverse cultures of Mexico and the American Southwest, which Estes later used in her novels.



My paternal grandmother Carmen was a tiny woman, not even five feet tall. She came to live with us because she said she needed to help my mother with the heavy load of raising a family. Having my grandmother around was usually pleasant; however, I remember a time when I wished she would find another family to care for. It was during the late autumn when I was fourteen years old. My parents had gone to San Antonio because my mother's father was very ill.

Before leaving, Mamá said to my abuela, "Please take care of Chatita and the boys while I am gone."

1. Claim 1, Target 2: Central Ideas, Standard: RL.8.1

Select **three** sentences that **best** identify the central idea presented in the text.

- A "A sense of sorrow and discomfort permeated our family."
- B "Children, please take care of your grandmother."
- C "I think your papa needs to do something about that crazy door latch. Don't you think so, Chatita?"
- D "If you ever need me, just blow the whistle and I'll come to you."

2. Claim 1, Target 1: Key Details, Standard: RL.8.1

The narrator infers that the children need to take care of their grandmother and the grandmother needs to feel as though she is in charge. Which detail from the text **best** supports this inference?

- A "Please take care of Chatita and the boys while I am gone...Children, please take care of your grandmother."
- B "She came to live with us because she said she needed to help my mother with the heavy load of raising a family."
- C "My brother helped the tiny woman to her feet and Keno carried her into the house as quickly as he could."
- D "For several days we all took good care of one another."

Then Mamá turned around and quietly said to my brothers and me, "Children, please take care of your grandmother."

For several days we all took good care of one another. Then, on Saturday, the third day of my parents' absence, a cool front blew in a short while after we had eaten our noon meal. It wasn't terribly cold, just a little nippy.

My grandmother took note of the pleasant weather and remarked, "What a nice day it is! I think I will clean the storage shed." She retired her sagging apron, put on her sweater, and marched directly out to the shed.

While my grandmother toiled in the shed, I went about my Saturday chores as usual: washing the bedding, cleaning out the ice box, feeding the chickens, cleaning the lantern chimneys, and polishing my only pair of shoes. My brothers Keno and Chuy had been instructed by our father to prepare the fields for winter vegetable planting, so I was alone in the house. I liked it this way because I could do my work without interruption and get finished sooner.

In the late afternoon I took some vegetable peelings out to the chickens and noticed that the sky was cloudy and the wind was blowing harder than it had earlier. The day was turning cold. I glanced toward the storage shed and wondered how much longer my

3. Claim 1, Target 4: Reasoning and Evidence, **Standard:** RL.8.3

This question has two parts. First, answer part A. Then, answer part B.

Part A

What inference can be made about the narrator's feelings toward Abuelita?

- (A) She was indifferent about her grandmother.
- (B) She wanted to protect her grandmother.
- (C) She loves her grandmother, but feels as though she can be difficult to deal with.
- (D) She feels that her grandmother is overprotective.

Part B

Which sentence from the text **best** supports your answer in part A?

- (A) "It's to wear around your neck when you are outside. If you need me, just blow the whistle and I'll come to you."
- (B) "Having my grandmother around was usually pleasant; however, I remember a time when I wished she would find another family to care for."
- (C) "While my grandmother toiled in the shed, I went about my Saturday chores as usual: washing the bedding, cleaning out the ice box, feeding the chickens, cleaning the lantern chimneys, and polishing my only pair of shoes."
- (D) "I especially wanted to get the lanterns put back together before dark."

abuela would be working. I faintly heard what sounded like a goat bleating, so I looked around. Seeing nothing, I hurried back into the house to finish my chores. I especially wanted to get the lanterns put back together before dark.

Later I went out to get some firewood and while picking up small pieces of kindling from near the woodpile I heard again what I thought was a bleating goat. Still, I couldn't see the animal. Perhaps Keno or Chuy had brought home a kid to slaughter. They did that occasionally. We all enjoyed the savory meat of cabrito; I was beginning to feel hungry just thinking about it. I thought I should look for the animal, but decided to get the fire in the stove going first because I could see Chuy coming toward the house on the tractor. Keno was already at the tractor shed, and the boys usually wanted coffee as soon as they got to the house.

The house quickly warmed from the fire in the cookstove. I was just putting on the pot for coffee when my brothers stomped into the kitchen.

"It's really getting cold out there!" said Chuy as he hovered over the big stove.

"Is the coffee ready, Chatita?" Keno asked. I shook my head. "What about the goat? Are you going to butcher it?"

4. Claim 1, Target 3: Word Meaning, **Standard:** RL.8.4

Read the sentence.

I faintly heard what sounded like a goat bleating, so I looked around.

What does the word **bleating** mostly suggest. Select **two** options.

- (A) Wavering cry
- (B) Plaudit
- (C) Complain
- (D) Whine/whimper

5. Claim 1, Target 5: Analysis within/across Texts, **Standard:** RL.8.1

How does the plot develop over the course of the text?

- (A) The readers become more aware of how close the narrator and Abuelita are.
- (B) The readers become more aware of the distance between the narrator and Abuelita's relationship.
- (C) The readers become more aware of the cycle of the narrator and Abuelita's relationship.
- (D) The readers become more aware of the challenges that the narrator's family's trip posed.

6. Claim 1, Target 6 Text Structures and Features, **Standard:** RL.8.1

How does the first paragraph about who Carmen was and how she came to live with the family add to the plot?

- (A) It introduces the reader to Carmen's relationship with her children.
- (B) It introduces the reader to Abuelita's relationship with her grandchildren.
- (C) It lets the reader know that the family will be going on a trip.
- (D) It lets the reader know that Carmen is the narrator's paternal grandmother.

Neither answered. Chuy stopped warming his hands and turned away from the stove to look at me. Keno continued washing up in the enamel wash pan.

"I said, are you going to butcher the goat?"

"What goat are you talking about?" responded Keno.

"We don't have any goats," said Chuy.

I gasped and said, "Oh, my goodness! Come with me! Hurry!" I bounded out the kitchen door with my brothers behind me.

As we approached the storage shed I could see that the outside latch hook on the door was in place. I flipped the hook up and flung open the door. There, sitting on the floor, wrapped up in burlap bags like a mummy, was a cold and shivering grandmother. She tried to talk, but her voice was almost gone.

My brother helped the tiny woman to her feet and Keno carried her into the house as quickly as he could. All the way she was croaking like a frog, but I'm sure I discerned the words "¡Huercos desgraciados!" repeated over and over. This meant that we were wretched brats, or maybe worse.

My brothers placed her in the chair nearest the kitchen stove while I fetched a soft woolen

7. Claim 1, Target 7: Language Usage, **Standard:** RL.8.4

Why did the author most likely use the word pleasant in the first paragraph of the text? Select **two** options.

- (A) Using the word pleasant lets the reader know that Abuelita found the narrator to be troublesome.
- (B) Using the word pleasant lets the reader know that the narrator and her Abuelita were discordant.
- (C) Using the word pleasant lets the reader know that their relationship was agreeable.
- (D) Using the word pleasant lets the reader know that they shared a friendly relationship.

blanket to wrap her in. Chuy poured a cup of coffee and set it before her. Then we all sat down around the table staring at our obviously infuriated grandmother.

"What unfortunate children you are. You have no brains!" she said in a raspy voice. Her entire body was shivering. "You left me to die out there!" She shook her fist at each one of us and then looked squarely at me. "You, Telésfora. You must be deaf!" She shook a crooked index finger at me.

I knew she was very angry with me because she used my real name.

"I called and called for you. The wind blew the door shut and it locked. All afternoon I yelled, but you didn't come. I nearly froze to death!" She scowled and slowly turned her head away from me.

"But I didn't hear you," I answered. "I'm sorry. Please, Abuelita. I'm truly sorry!"

How could I have confused my grandmother's voice with that of a bleating goat? I felt terribly guilty and ashamed. I knew that the shed door was prone to latch by itself if it was slammed. That's why a wooden stake for propping the door open was usually kept nearby. But this time the stake had not been used, and now my grandmother was shaking and shivering and glaring at me.

8. Claim 2, Target 9: Edit Clarify (conventions), Standard: L.8.1

Choose **two** sentences that are punctuated correctly.

- (A) Then we all sat down around the table staring at our obviously infuriated grandmother.
- (B) Something seemed really strange about this, and I was suspicious.
- (C) I admitted to him that indeed I had mistakenly thought I heard a goat and that I was terribly sorry that I hadn't checked on Abuelita as I should have.
- (D) While Papa made his purchases I bought a silver whistle and a long piece of blue satin ribbon.

9. Claim 2, Target 9: Edit Clarify (conventions), Standard: L.8.2

Choose the **two** sentences containing spelling errors.

- (A) He scolded me severely.
- (B) I faintly heard what sounded like a goat bleeting, so I looked around.
- (C) Then I heard the whistle more distinctly.
- (D) That's why a wooden steak for propping the door open was usually kept nearby.

10. Claim 1, Target 4: Constructed Response Standard: RL.8.1

What conclusion can be drawn about Telésfora’s relationship with Abuelita? Use key evidence from the text to support your answer.

“Just you wait, Telésfora. Just you wait until your father gets home. I’ll have him punish you,” she said and her bottom lip quivered and her nostrils flared.

My parents came home in a few days and of course the first thing that occurred was that Abuelita told her story to my father.

“Son, Telésfora left me locked in the storage shed all afternoon on Saturday. I called and called for her, but she declares she didn’t hear me. She says she heard a goat bleating. Can you imagine that I could possibly sound like a goat?” my grandmother said.

My father was very concerned, of course. I admitted to him that, indeed, I had mistakenly thought I heard a goat and that I was terribly sorry that I hadn’t checked on Abuelita as I should have. He scolded me severely. But this wasn’t enough punishment, according to my grandmother, so she decided to penalize me herself by refusing to speak to me. This made me very sad, and it seemed to affect all of us. A sense of sorrow and discomfort permeated our family.

Two weeks later I asked to go with my father to the big yellow store in town. While Papa made his purchases, I bought a silver whistle and a long piece of blue satin ribbon. I threaded the ribbon through the ring on the whistle and tied the ends of the ribbon together.

and I was suspicious. I unlatched the door and opened it. There stood my grandmother with the whistle in her mouth. She quickly removed it and said, "I think your papá needs to do something about that crazy door latch. Don't you think so, Chatita?"

She hurried out of the shed and we started toward the house. I could see that she was smiling, and I think I even heard her chuckling.

1. Which is the correct way to write the following sentence?

When students are rested, he is more likely to do well on a test.

- A. When students are rested, she is more likely to do well on a test.
- B. When students are rested, he and she is more likely to do well on a test.
- C. When students are rested, they are more likely to do well on a test.
- D. Correct as is

L.8.1.A

2. Which version of the sentence is written in the active voice?

- A. The bunch of bananas was dragged by the gorilla.
- B. The banana bunch was dragged by the gorilla.
- C. The gorilla dragged the bunch of bananas.
- D. Slowly, the bunch of bananas was dragged by the gorilla.

L.8.1.B

3. Which sentence uses the correct form of the underlined verb?

- A. If the girl's soccer team wins this game, Maya will celebrate with them.
- B. If the girl's soccer team won this game, Maya will celebrate with them.
- C. If the girl's soccer team had won this game, Maya will celebrate with them.
- D. If the girl's soccer team will win this game, Maya will celebrate with them.

L.8.1.C

4. Read the sentences and the question that follows.

An hour after Sheila placed the lasagna in the oven, a tantalizing aroma was smelled and our stomachs began to growl. "Take it out of the oven, and then you should cut everybody a slice," Cynthia said to Sheila.

Choose the two correct ways to edit the incorrect use of verb voice and mood in these sentences.

- A. An hour after Sheila placed the lasagna in the oven, a tantalizing aroma was smelled and a growling began in our stomachs. "Take it out of the oven, and cut everybody a slice," Cynthia said to Sheila.
- B. An hour after Sheila placed the lasagna in the oven, we smelled a tantalizing aroma and our stomachs began to growl. "Take it out of the oven, and then cut everybody a slice," Cynthia said to Sheila.
- C. An hour after Sheila placed the lasagna in the oven, we smelled a tantalizing aroma and our stomachs began to growl. "Take it out of the oven, and then you should cut everybody a slice," Cynthia said to Sheila.
- D. An hour after the lasagna had been placed in the oven, a tantalizing aroma was smelled and our stomachs began to growl. "Take it out of the oven, and then you should cut everybody a slice," Cynthia said to Sheila.
- E. An hour after Sheila placed the lasagna in the oven, we smelled a tantalizing aroma and our stomachs began to growl. "You should take it out of the oven, and then you should cut everybody a slice," Cynthia said to Sheila.

L.8.1.D

5. Identify the correct substitution for the underlined portion of the sentence below.

An interesting woman, Helena Wachtel is a scuba diving instructor, an award-winning seamstress, and an avid hiker.

- A. woman Helena Wachtel, is a scuba diving instructor an award-winning seamstress
- B. woman Helena Wachtel is a scuba diving instructor an award-winning seamstress
- C. woman, Helena Wachtel is, a scuba diving instructor, an award-winning seamstress
- D. Correct as is

L.8.2.A

6. Read the sentence that follows.

Samuel liked outdoor activities, such as flying kites, riding bikes, running laps, swimming laps, jumping rope, blowing bubbles, and running through a sprinkler, so much that he looked forward to summer all year long.

Which of the following uses correct punctuation when quoting part of this sentence?

- A. Samuel liked outdoor activities...so much that he looked forward to summer all year long.
- B. Samuel liked outdoor activities—so much that he looked forward to summer all year long.
- C. Samuel liked outdoor activities; so much that he looked forward to summer all year long
- D. Samuel liked outdoor activities: so much that he looked forward to summer all year long.

L.8.2.B

7. Which is the correct way to spell the underlined words in the following sentence?

It was priviledge to study with the prominent Professor Knowsalot.

- A. priviledge, prominant
- B. privilege, prominent
- C. privilege, prominant
- D. Correct as is

L.8.2.C

8. Read the following sentence that includes two examples of passive voice. Then, read the question that follows.

Kate was impressed by Jim because he was chosen by the teacher to participate in the debate.

Which TWO sentences correctly change the two examples of passive voice to active voice?

- A. Jim impressed Kate when the teacher chose him to participate in the debate.
- B. Kate was impressed by Jim when the teacher chose him to participate in the debate.
- C. Jim impressed Kate when he was chosen by the teacher to participate in the debate.
- D. When Jim was chosen to participate in the debate by the teacher, he impressed Kate.
- E. Because the teacher chose Jim to participate in the debate, Kate was impressed by him.
- F. The teacher chose Jim to participate in the debate and, because of this, he impressed Kate.

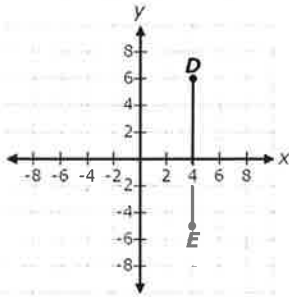
L.8.3.A

Transformations



Name _____

1. Line segment DE is translated left 8 units and up 2 units to form line segment $D'E'$.



Enter the distance, in units, between point D' and point E' .

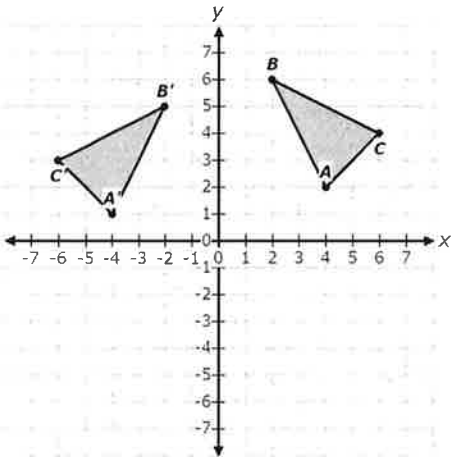
units

2. Line segment FG begins at $(8, 5)$ and ends at $(8, -6)$. The segment is translated right 9 units and down 9 units to form line segment $F'G'$.

Enter the distance, in units, of line segment $F'G'$.

units

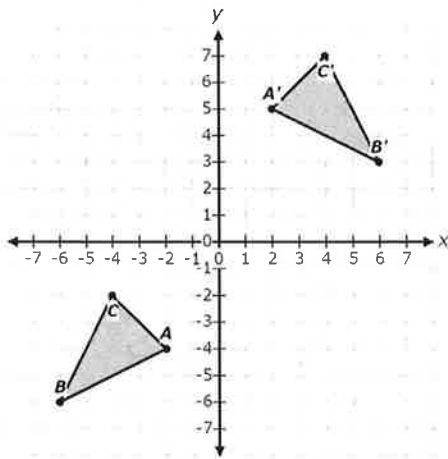
3. Triangle ABC is isosceles. It is reflected across the y -axis and then translated down 1 unit to form triangle $A'B'C'$.



For A-C, select True or False for each statement.

- | | True | False |
|---|-----------------------|-----------------------|
| A. Side AC is the same length as side $A'C'$. | <input type="radio"/> | <input type="radio"/> |
| B. Side AC is shorter than side $C'A'$. | <input type="radio"/> | <input type="radio"/> |
| C. Angle C has a different measure than angle A' . | <input type="radio"/> | <input type="radio"/> |

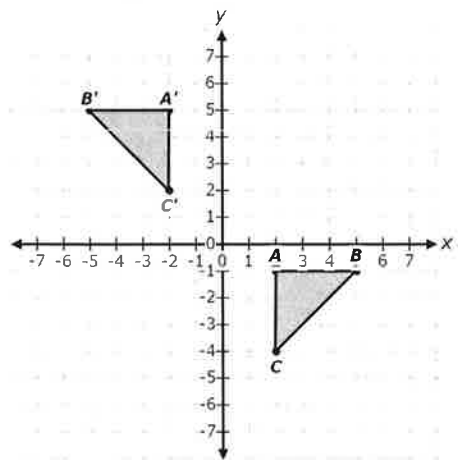
4. Consider this figure.



For A-C, select True or False for each statement about the sequences of transformations that can verify that triangle ABC is congruent to $A'B'C'$.

- | | True | False |
|---|-----------------------|-----------------------|
| A. Triangle ABC is translated 9 units up, followed by a reflection across the y -axis. | <input type="radio"/> | <input type="radio"/> |
| B. Triangle ABC is reflected across the y -axis, followed by a translation 9 units down. | <input type="radio"/> | <input type="radio"/> |
| C. Triangle ABC is translated 9 units down, followed by a reflection across the y -axis. | <input type="radio"/> | <input type="radio"/> |

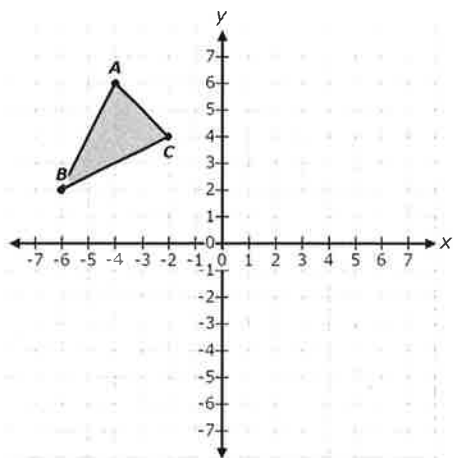
5. Consider this figure.



For A-C, select True or False for each statement about the sequences of transformations that can verify that triangle ABC is congruent to triangle $A'B'C'$.

- | | True | False |
|---|-----------------------|-----------------------|
| A. Square ABC is translated 4 units to the left, followed by a translation 6 units up. | <input type="radio"/> | <input type="radio"/> |
| B. Square ABC is reflected across the x -axis, followed by a translation 6 units up. | <input type="radio"/> | <input type="radio"/> |
| C. Square ABC is reflected across the y -axis, followed by a translation 6 units up. | <input type="radio"/> | <input type="radio"/> |

6. Triangle ABC is reflected across the y -axis, and dilated by a scale factor of 2, with the origin as the center of the dilation.



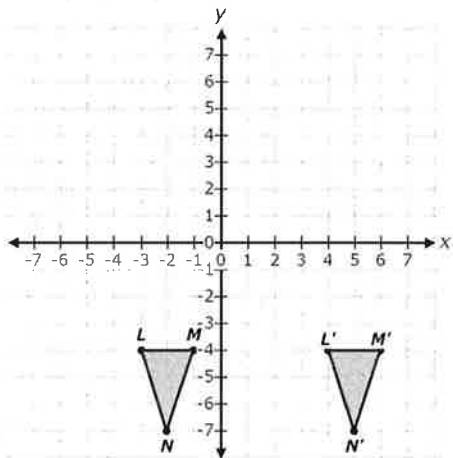
Enter numbers in the boxes below to give the coordinates of vertices $A'B'C'$.

$$A' = (\square, \square)$$

$$B' = (\square, \square)$$

$$C' = (\square, \square)$$

7. Given this figure.

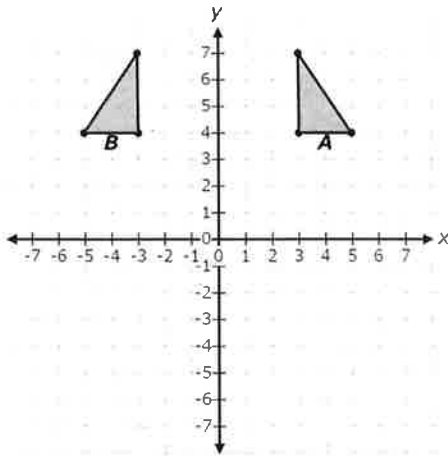


For A-C, select True or False for each statement about the transformation that can verify that triangle $L'M'N'$ is congruent to triangle LMN .

- A.** Triangle $L'M'N'$ is translated 7 units to the right.
B. Triangle $L'M'N'$ is reflected across the y -axis.
C. Triangle $L'M'N'$ is reflected across the x -axis.

True **False**

8. Triangle A has a single transformation performed on it to create Triangle B. Eli says the single transformation must have been a translation 8 units to the right.



Select a single transformation that could have been performed on Triangle A to create Triangle B to prove Eli's statement is false.

- (A) A rotation of 180° around the point $(0, 4)$.
- (B) A reflection across the x -axis.
- (C) A rotation of 180° around the point $(0, 7)$.
- (D) A reflection across the y -axis.

Document A: Ernest de Massey (Modified)

Ernest de Massey was a French immigrant who sailed to San Francisco in May 1849 after hearing about the discovery of gold at Sutter's Mill. After a seven-month voyage, he arrived in San Francisco, where he kept a journal of his experiences. Below is an excerpt from one of his journal entries.

12/15/49: At noon the boat dropped us not on solid ground, but in the mud and slime which is everywhere. There is no dock, and only one or two landing-places for the ships. The streets, which are very broad, cut the city up into right angles. Close to one hundred houses are being built a month, which are immediately rented. **Scores** of immigrants live in tents in the neighborhood waiting for more comfortable housing. Few houses are built of brick. The biggest buildings are two-story wooden structures painted in bright colors. Several are even elegant on the outside and luxurious within. But only millionaires are able to afford such luxury.

All the business streets are **teeming** with activity. In fact they seem as active as any in Paris. Over here, however, the men seem more businesslike and in a greater hurry; **loafing** is an unknown quantity. During the day every one plows knee-deep in mud through the lower streets which get the heaviest travel for this is where the banks and the important commercial establishments are located. All are focused on getting business and social **prestige** regardless of their qualifications and trying to make a fortune.

In the midst of this chaos you can hear many languages. Ask a question in English and your reply may be in German; if you speak in French you may perhaps be answered in Spanish, Italian, Russian, Polish or Chinese. This would be amusing if it were not such a handicap. However, those who can speak three languages, English, French and Spanish, can make themselves understood anywhere.

Source: Ernest de Massey, journal entry for December 15, 1849.

Vocabulary

score: a group of twenty things

loafing: being lazy

teeming: to be filled with something

prestige: importance in the eyes of other people

Name _____ Date _____

The Whistle

By Anne Estesvis

Vocabulary Strategy: Using Context Clues

When you encounter an unfamiliar word, look at its context - or the surrounding words, phrases, or sentences - to try to understand its meaning.

Practice and Apply: Reread *The Whistle* and find the following words: paternal, bleating, savory, infuriated. Look at the surrounding sentences for clues to each word's meaning. Then fill out a chart like the one shown.

Word	Context clues	Guessed definition	Dictionary definition
paternal			
bleating			
savory			
infuriated			



Lexile	
Grade	Meets
7	970-1120
8	1010-1185

AP Photo/Dinesh Ramde
 The U.S. does not have enough nurses.

Help Wanted: Nurses

Lexile 980-1080

MADISON HEIGHTS, Michigan (Achieve3000, February 16, 2009). High pay. Excellent job outlook. Prizes, too—just for interviewing. That’s what employment recruiters are offering people who apply for jobs in the nursing industry. It may sound too good to be true, especially in today’s slowing economy, but it’s not. Applicants for nursing jobs are so scarce that recruiters are employing increasingly inventive tactics to attract potential job candidates. But are these efforts enough?

Target 9 Central Ideas

1. Which sentence best summarizes the central idea of the text?

- (A) There is a shortage of nurses causing industry recruiters to employ innovative techniques in an effort to attract job applicants.
- (B) Some nursing job applicants participated in a trivia game contest emceed by game-show host Chuck Woolery.
- (C) Residential Home Health, a company in Michigan, hires nurses to provide in-home care for seniors.
- (D) A government survey showed registered nurses made an average salary of \$62,480 in 2007.

Target 8 Key Details

2. Read this conclusion.

If the healthcare industry improves working conditions, the 8 to 10 year cycle of nursing shortages may finally be abated.

Which evidence from the text best supports this conclusion?

- (A) The shortages are so predictable that some healthcare services recruit as many nurses as possible.
- (B) Nurses are continually overworked and fatigued causing them to leave their jobs.
- (C) Employers must make sure salaries remain at par with those of other professions.
- (D) Applicants are so scarce that recruiters are employing increasingly inventive methods to attract nurses.

<p>To lure job hunters to the nursing industry, recruiters across the country are employing imaginative methods that are more characteristic of sales events. They include chair massages and fancy meals. They even include contests in which winners receive everything from flat-screen TVs and GPS devices to gift cards and shopping sprees.</p> <p>Michigan-based Residential Home Health (RHH) provides in-home nursing care for seniors. RHH rolled out the red carpet at a recent hiring event. It tempted health care workers with refreshments and a contest run by famous game-show host Chuck Woolery. Eligible participants won prizes such as dinners and hotel stays. One prize was a one-year lease for a brand-new SUV.</p> <p>"We're committed to finding ways to creatively engage with passive job seekers," said RHH president David Curtis.</p> <p>Tom Zinda is director of recruitment at Wheaton Franciscan Healthcare in Wisconsin. Zinda is a believer in creative recruitment methods. At some of his recruitment seminars, Zinda has offered job applicants \$50 gas cards. At other events, he has provided job candidates with \$100 gift cards for a local mall. Zinda even created a Facebook page to introduce younger nurses to his hospital.</p>	<p>Target 11 Reasoning and Evaluation</p> <p>This question has two parts.</p> <p>Part A</p> <p>3. What conclusion can be drawn about the author's opinion on the shortage of nurses?</p> <p>(A) Government statistics reveal that registered nurses in Iowa earn an average salary of \$49,140.</p> <p>(B) Government statistics reveal that there will be about 233,000 additional nursing jobs open each year through 2016.</p> <p>(C) Health care employers and recruitment firms must offer better prizes to nursing applicants.</p> <p>(D) The nurse shortage is understandable, given the poor conditions under which nurses are expected to work.</p> <p>Part B</p> <p>Which sentence from the text best supports your answer in Part A?</p> <p>(A) Nurses are continually overworked causing fatigue and ultimately induces them to leave their jobs.</p> <p>(B) Recruiters across the country are employing imaginative techniques that are more characteristic of sales events.</p> <p>(C) If employers don't heed the advice of these experts, the situation threatens to become worse.</p> <p>(D) Registered nurses made an average of \$62,480 in 2007.</p>
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<p>"We really try to get as creative as we can," Zinda said. "It's a tough position to fill."</p> <p>Why are recruiters like Curtis and Zinda going to such lengths to attract potential new hires? They are trying to combat a longstanding shortage of nurses in the U.S. According to industry experts, nursing shortages have occurred on a regular basis—every 8 to 10 years—since World War II. The shortages are so predictable that some health care facilities recruit as many nurses as possible, even when they're overstaffed.</p> <p>The ongoing shortage creates poor working conditions that cause discontent among nurses. Cheryl Peterson is director of nursing practice and policy for the American Nurses Association, an organization that represents nurses' interests. According to Peterson, chronic understaffing means that nurses are continually overworked. This fatigues nurses and ultimately causes them to leave their jobs. Meanwhile, those who stay behind have to pick up the extra workload.</p> <p>Each time the number of nurses reaches a critical low, the government provides additional financial resources, and hospitals upgrade working conditions. These efforts pay off temporarily. However, the cycle then repeats itself: As the scarcity of nurses eases, retention efforts diminish. Eventually, the old conditions return, once again driving nurses into other professions.</p>	<p>Target 10 Word Meaning</p> <p>4. Read the sentence. According to Cheryl Peterson, director of nursing practice and policy for the American Nurses Association, an organization that represents nurses' interests, chronic understaffing means that nurses are continually overworked. What does "chronic" most likely mean?</p> <p>Ⓐ Intermittent Ⓑ Irregular Ⓒ Constant Ⓓ Random</p> <p>Target 12 Analysis within/across Texts</p> <p>5. What does the information in the first paragraph of the text reveal about the author's purpose?</p> <p>Ⓐ To describe the services that are performed by nurses Ⓑ To explain the shortage of nurses Ⓒ To attract people to jobs in the nursing industry Ⓓ To provide solutions to the shortage of nurses</p>
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<p>If the industry wants to break the cycle, Cheryl Peterson said, the industry must raise salaries and make sure they remain comparable to those of other professions throughout the changing trends in nursing. According to government data, registered nurses made an average of \$62,480 in 2007. This ranged from a mean of \$49,140 in Iowa to \$78,550 in California. Including overtime, which is abundantly available in many cases, the more experienced nurses can earn more than \$100,000 annually.</p> <p>Experts such as Peterson emphasize that in addition to raising salaries, employers must also take steps to improve working conditions and maintain them throughout the highs and lows in the availability of nurses.</p> <p>If employers don't heed the advice of these experts, the situation threatens to become worse. The U.S. Bureau of Labor Statistics predicts that about 233,000 additional jobs will open for registered nurses each year through 2016.</p> <p><i>The Associated Press contributed to this story.</i></p> <p><u>Dictionary</u></p> <p><i>apply (verb)</i> to ask for a job by filling out papers</p> <p><i>hospital (noun)</i> a place where a sick person goes to get better</p> <p><i>interest (verb)</i> to get you wanting to know more</p>	<p>Target 13 Text Structures and Features</p> <p>6. Read the paragraph.</p> <p>If employers don't heed the advice of these experts, the situation threatens to become worse. The U.S. Bureau of Labor Statistics predicts that about 233,000 additional jobs will open for registered nurses each year through 2016.</p> <p>How does this paragraph add to the central idea?</p> <p>Ⓐ It predicts that the shortage of nurses will continue if working conditions and salaries for nurses do not improve.</p> <p>Ⓑ It suggests that the nursing industry will improve in 2016.</p> <p>Ⓒ It predicts that there will be more nurses in 2016</p> <p>Ⓓ It provides a positive outlook for people considering to become registered nurses.</p> <p>Target 14 Language Usage</p> <p>7. Read the introductory paragraph.</p> <p>How does the author's use of the phrase "too good to be true" help the reader understand the author's feelings about the benefits of becoming a nurse?</p> <p>Ⓐ It provides facts about the nursing industry.</p> <p>Ⓑ It points out that being a nurse is a challenging job.</p> <p>Ⓒ It proves that the benefits presented are never true.</p> <p>Ⓓ It highlights the excellent benefits of becoming a nurse that others may be skeptical about.</p>
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recruiter (noun) a person who signs people up for something.

such as a job or a group

shortage (noun) when there is not enough of something

Claim 2 Target 9 Edit Clarify (conventions)

8. Choose the sentence that is punctuated correctly.

- A** It may sound too good to be true especially in today's slowing economy but it's not.
- B** They even include contests in which winners receive everything from flat-screen TVs, and GPS devices, to gift cards, and shopping sprees.
- C** Eventually, the old conditions return, once again driving nurses into other professions.
- D** Including overtime which is abundantly available in many cases the more experienced nurses can earn more than \$100,000 annually.

YOUR TURN

2. Light travels at a speed of 1.86×10^5 miles per second. It takes light from the Sun about 4.8×10^3 seconds to reach Saturn. Find the approximate distance from the Sun to Saturn. Write your answer in scientific notation. _____
3. Light travels at the speed of 1.17×10^7 miles per minute. Pluto's average distance from the Sun is 3,670,000,000 miles. On average, how long does it take sunlight to reach Pluto? Write your answer in scientific notation. _____



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Scientific Notation on a Calculator

On many scientific calculators, you can enter numbers in scientific notation by using a function labeled "ee" or "EE". Usually, the letter "E" takes the place of " $\times 10$ ". So, the number 4.1×10^9 would appear as 4.1E9 on the calculator.



Math On the Spot

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EXAMPLE 3



8.EE.4

The table shows the approximate areas for three continents given in square meters. What is the total area of these three continents? Write the answer in scientific notation using more appropriate units.

Continent	Asia	Africa	Europe
Area (m^2)	4.4×10^{13}	3.02×10^{13}	1.04×10^{13}

Find $4.4 \times 10^{13} + 3.02 \times 10^{13} + 1.04 \times 10^{13}$.

Enter $4.4E13 + 3.02E13 + 1.04E13$ on your calculator.

Write the results from your calculator: 8.46E13.

Write this number in scientific notation: $8.46 \times 10^{13} m^2$.

Square kilometers is more appropriate: $8.46 \times 10^7 km^2$.

Because $1 km = 1,000 m$,
 $1 km^2 = 1,000^2 m^2$, or
 $10^6 m^2$. Divide by 10^6 .

YOUR TURN

Write each number using calculator notation.

4. 7.5×10^5

5. 3×10^{-7}

6. 2.7×10^{13}

Write each number using scientific notation.

7. $4.5E-1$

8. $5.6E12$

9. $6.98E-8$



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Guided Practice

Add or subtract. Write your answer in scientific notation. (Example 1)

1. $4.2 \times 10^6 + 2.25 \times 10^5 + 2.8 \times 10^6$

$$4.2 \times 10^6 + \boxed{} \times 10^{\boxed{}} + 2.8 \times 10^6$$

$$4.2 + \boxed{} + \boxed{}$$

$$\boxed{} \times 10^{\boxed{}}$$

2. $8.5 \times 10^3 - 5.3 \times 10^3 - 1.0 \times 10^2$

$$8.5 \times 10^3 - 5.3 \times 10^3 - \boxed{} \times 10^{\boxed{}}$$

$$\boxed{} - \boxed{} - \boxed{}$$

$$\boxed{} \times 10^{\boxed{}}$$

3. $1.25 \times 10^2 + 0.50 \times 10^2 + 3.25 \times 10^2$

4. $6.2 \times 10^5 - 2.6 \times 10^4 - 1.9 \times 10^2$

Multiply or divide. Write your answer in scientific notation. (Example 2)

5. $(1.8 \times 10^9)(6.7 \times 10^{12})$ _____

6. $\frac{3.46 \times 10^{17}}{2 \times 10^9}$ _____

7. $(5 \times 10^{12})(3.38 \times 10^6)$ _____

8. $\frac{8.4 \times 10^{21}}{4.2 \times 10^{14}}$ _____

Write each number using calculator notation. (Example 3)

9. 3.6×10^{11}

10. 7.25×10^{-5}

11. 8×10^{-1}

Write each number using scientific notation. (Example 3)

12. 7.6E-4

13. 1.2E16

14. 9E1



ESSENTIAL QUESTION CHECK-IN

15. How do you add, subtract, multiply, and divide numbers written in scientific notation?

Gold Rush Timeline

1846 – The Native American population in California was approximately 150,000.

1846 – The Mexican-American War began.

1847 – The population of San Francisco was approximately 500.

1848, January 24 – Gold was discovered at Sutter's Mill in Coloma, California.

1848, February 2 – The Mexican-American War ended. The United States won and annexed California.

1848, March – California newspapers began reporting the discovery of gold.

1848, May – Populations of cities in California dropped as people left to mine gold.

1848, August 19 – *New York Herald* published a story about the discovery of gold in California.

1849 – Approximately 80,000 people, mainly men, from around the world came to California.

1850 – Most of the easily accessible gold was gone. Miners moved from panning for gold to more advanced methods of sluice and hydraulic mining.

1850 – The California Legislature passed the Foreign Miners' Tax, which required all foreign miners and Mexicans born in California to pay \$20 a month. There was an exemption for any "free white person." The tax forced many Chinese and Mexican miners to leave the mines.

1850 – California Legislature passed the Indenture Act, which made it legal to capture Native Americans and use them as indentured servants.

1852 – The population of San Francisco was approximately 36,000.

1870 – Due to disease, dislocation, enslavement, and widespread violence against Native Americans by settlers, the Native American population in California dropped to approximately 30,000.

9. Which sentence uses the word exempt in the proper context?

- A. Because Lauren was injured, she was exempt from participating in the relay race.
- B. He felt he was exempt to attend the meeting, even though he had more important things to do that day.
- C. Jim was afraid of heights, but he felt it was important to face his fears and exempt to climb the tree.
- D. Sharon decided to exempt blame, and reveal to her parents that she had scratched the car.

L.8.4.A

10. The verb castigate is derived from the Latin word *castigare* meaning "to chastise." What is the *best* definition for the verb castigate as it is used in this sentence?

The teacher's remark was made to castigate the student for arriving late and interrupting the class during an important lecture.

- A. to delay
- B. to scold
- C. to annoy
- D. to observe

L.8.4.B

11. Read the following sentences.

Each night for the next week, Keiko lay in bed staring at the moonlit patterns on the kimono in the closet. It seemed to reproach her.

Now read the dictionary entry for reproach.

Main entry: reproach

- 1. punish
- 2. criticize
- 3. be disgraceful
- 4. discredit
- 5. abuse

Which of these is an accurate definition of reproach as it is used in the text above? Pick two options.

- A. punish
- B. criticize
- C. be disgraceful
- D. discredit
- E. abuse

L.8.4.C

12. Jane thought that the word intricate meant "decorated."

After she read the following text, she discovered that her definition was incorrect.

Read the lines from the text.

It's intricate embroidery of red and pink floral design was embarrassing to Keiko. She was distressed by her inner rejection of something that represented her ethnic heritage.

Which of the following *most* accurately defines intricate as it is used in the text above? Select two options.

- A. difficult to find
- B. very difficult to understand
- C. quite complex in appearance
- D. very detailed in design or structure
- E. unique and hard to copy or reproduce

L.8.4.D

13. Read the following sentence.

When I got into a bicycle accident, it was a blessing in disguise because I met my future fiancée, who was a nurse in the hospital.

- A. A "blessing in disguise" is when something advantageous results from a situation that appears negative
- B. A "blessing in disguise" is when something hidden is revealed through investigation.
- C. A "blessing in disguise" is when something extraordinary happens despite there being no effort expended.
- D. A "blessing in disguise" is when something positive happens after hoping for it.

L.8.5.A

14. What does loathe mean as it is used in these lines from "The Diary of Anne Frank"?

I don't think I shall ever feel really at home in this house, but that does not mean that I loathe it here, it is more like being on vacation in a very peculiar boardinghouse.

- A. enjoy
- B. like
- C. indifferent
- D. despise

L.8.5.B

15. What does tower mean as it is used in the sentence below?

Aunt Francis has been a tower of strength for our family.

- A. A tall structure.
- B. To dominate.
- C. To overlook.
- D. A constant source.

L.8.5.C

16. Read the paragraph.

After spending a day working at the library, the girls were famished and went to a nearby restaurant to eat.

What does the word famished mean as it is used in this sentence?

- A. exhausted
- B. relieved
- C. bored
- D. starved

L.8.6*

17. Read the paragraph.

The morning after the museum theft was discovered was a sad one for the employees that had dedicated their lives to the protection of these works of art. An inventory of the stolen goods only provided further evidence of the night's plunder, which was worse than initially thought.

Which phrase defines *plunder*?

- A. Theft of property
- B. Item that resists identification
- C. Investigation in progress
- D. Identification of suspects

L.8.6*

18. In which sentence is ***copious*** used correctly?

- A. Gina had a **copious** breakfast before heading off to school.
- B. John looked a **copious** man in his new suit.
- C. The woman made **copious** mistakes in her speech.
- D. I had to take multiple **copious** of the assignment.

L.8.6*



Assignment

Determine a Central Idea from Informational Text

Topic: Lowering the Voting Age

Your Assignment:

Read the passage. Then answer the question.

Your Vote May Count Sooner Than You Think!

By Olivia Ann

Democracy in the United States of America is a system of government that is based on regular people having a say in what happens in their lives by electing people to Congress to represent them. In this model of government, every citizen of legal age can vote.

Currently, the federal voting age is 18 years old. That means that in order to vote in elections such as those for The President, a person must be registered to vote and be 18 years old. Some states allow younger people to vote in state elections.

Recently, Congresswoman Ayanna Pressley, a Democrat from Massachusetts, proposed lowering the voting age to 16 years old. Although it did not get many votes, the idea is appealing to many people.

Some people argue that 16 and 17 year olds should be able to vote because nearly 2 million of them are part of the American work force, and they pay taxes. It is argued since they have jobs and must give a portion of what they earn to the government that they should have the right to have a say in how their money is used.

Others argue that the youth in the United States are taking ownership of their futures by being civically involved at younger ages. For example, there are many youth activists that

fight for gun control. David Hogg, a former Marjory Stoneman Douglas student, was only 17 years old when he became involved in fighting for gun control after tragedy struck his school during his senior year. Teenagers are getting involved and want their opinions taken seriously when it comes to issues that will directly affect their futures.

Additionally, some argue that “16” is a magic age in the United States. In many states, it is the age of being able to get a driver’s license, work hour limitations are lifted, and those employed will have to pay taxes. If 16 and 17 year olds can do all of those things, what is the objection to allowing them to cast a vote?

Research has shown that a person’s brain is not fully developed until approximately the age of 25. Scientists have also determined that teenagers’ brains do not think the same way as older adults’. For some, the maturity level of 16 and 17 year olds makes them question the idea of allowing this population to vote in federal elections.

The voting age was lowered in the past. In 1970, Senator Ted Kennedy, also a Democrat from Massachusetts, was successful in getting the age changed from 21 to 18. He argued that it was wrong that you could be drafted to serve in the Vietnam War but you weren’t considered old enough or mature enough to cast a vote. He argued that if you are old enough to fight in a war, you should be considered old enough to vote.

Ted Kennedy’s argument was compelling. The age was changed. It’s been 49 years since that occurred. For now lowering it again is just an idea that does not have significant momentum. Since there were not enough votes in March 2019 to move the legislation forward, for now the voting age remains 18.

Answer this question:

Stem Starters:

You may want to consider starting your response using one of these stems. You do not have to do so, but they are here to help you if you need them.

The author’s central idea is...

2.4 Independent Practice

CA CC 8.EE.3, 8.EE.4



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- 16.** An adult blue whale can eat 4.0×10^7 krill in a day. At that rate, how many krill can an adult blue whale eat in 3.65×10^2 days?

- 17.** A newborn baby has about 26,000,000,000 cells. An adult has about 4.94×10^{13} cells. About how many times as many cells does an adult have than a newborn? Write your estimate in standard notation.

Represent Real-World Problems The table shows the number of tons of waste generated and recovered (recycled) in 2010.



	Paper	Glass	Plastics
Tons generated	7.131×10^7	1.153×10^7	3.104×10^7
Tons recovered	4.457×10^7	0.313×10^7	0.255×10^7

- 18.** What is the total amount of paper, glass, and plastic waste generated?

- 19.** What is the total amount of paper, glass, and plastic waste recovered?

- 20.** What is the total amount of paper, glass, and plastic waste **not** recovered?

- 21.** Which type of waste has the lowest recovery ratio?

Social Studies The table shows the approximate populations of three countries.

Country	China	France	Australia
Population	1.3×10^9	6.48×10^7	2.15×10^7

- 22.** How many more people live in France than in Australia?

- 23.** The area of Australia is 2.95×10^6 square miles. What is the approximate average number of people per square mile in Australia?

- 24.** How many times greater is the population of China than the population of France? Write your answer in standard notation.

- 25.** Mia is 7.01568×10^6 minutes old. Convert her age to more appropriate units. Assume that each year has 6 months that have 30 days and 6 months that have 31 days.

Document B: Henry V. Huntley (Modified)

Sir Henry V. Huntley was a British Naval officer. He lived in San Francisco in 1852 and worked as a representative for a British gold mining company. He wrote a book about his experiences in California. Below is a chart made from an excerpt of the book where he discussed the growth and economy of San Francisco.

SAN FRANCISCO has now been a city less than three years, and here is a statistical account of the arrivals of **emigrants**; **tonnage** employed; and **bullion** exported; during three months: March, April, and May.

Arrival of Emigrants from Foreign Ports	Arrivals of Ship (in tonnage)	Bullion Imported and Exported (in dollars)
Males: 18,990	American: 36,272	Import: 10,120,828
Females: 1,398	Foreign: 40,336	Export: 9,533,970.
Children: 535		
Total: 20,923	Total: 76,608	

Source: Henry Huntley, California Its Gold and Its Inhabitants. Published in 1856.

Vocabulary

emigrants: people who leave their home countries to live somewhere else

tonnage: weight in tons of a ship's cargo

bullion: bars of gold

Name: _____

ELA L.8.1a

ELD PII.8.4

Language Conventions: Infinitives

Along with participles and gerunds, another kind of **verbal**—or verb form that is used as another part of speech—is the infinitive. An **infinitive** is a verb form that usually begins with *to* and functions as a noun, an adjective, or an adverb. An infinitive phrase consists of an infinitive plus its modifiers and complements.

In this example from “Marigolds,” the author uses an infinitive phrase as an adverb modifying the adjective *sophisticated*:

We were far too sophisticated now, of course, to believe the witch-nonsense.

Because *to*, the sign of the infinitive, precedes infinitives, it is usually easy to recognize them. However, sometimes *to* may be omitted, as in this example:

Let no one dare [to] come into my garden.

Look at these examples of the uses of infinitives and infinitive phrases:

Uses of Infinitives	Examples
As a noun	<u>To taunt</u> is cruel. (subject) She wanted <u>to destroy the flowers</u> . (direct object) She wanted nothing except <u>to escape her room</u> . (object of preposition)
As an adjective	Now is the time <u>to grow up</u> . (modifies a noun) She was someone <u>to ridicule</u> . (modifies a pronoun)
As an adverb	<u>To escape</u> , jump out the window. (modifies a verb) The children were armed and ready <u>to do mischief</u> . (modifies an adjective) It was enough mischief <u>to do for one night</u> . (modifies an adverb)

Practice and Apply Identify the infinitive phrase in each sentence and tell whether it is being used as a noun, an adjective, or an adverb. Be careful not to confuse an infinitive with a prepositional phrase beginning with *to*.

1. To hurl stones at flowers is silly.
2. Lizabeth and Joey were free to run wild with the other children.
3. The road to Miss Lottie's was one to be avoided.
4. She loved to listen to her mother's soothing voice.
5. The children had too much time to do mischief.

The central idea is...

Your Response:

Exponents and Scientific Notation



Name _____

1. Select **all** expressions equivalent to $(6^6 \cdot 6^{-5})^{-3}$.

A. 216

B. $6^3 \cdot 6^{-8}$

C. $\frac{1}{216}$

2. Enter the value of n that makes the equation $4^5 \cdot 4^n = 4^8$ true.

$n =$

3. How many times larger than 2×10^4 is 10×10^8 ?

(A) 2×10^4

(B) 10×10^8

(C) 5×10^4

(D) 2×10^{12}

4. Approximately 8.5×10^5 gallons of water flow over a waterfall each second. There are 8.6×10^4 seconds in 1 day.

Select the approximate number of gallons of water that flow over the waterfall in 1 day.

(A) 7.31×10^{10}

(B) 7.31×10^{11}

(C) 7.31×10^{20}

(D) 7.31×10^{21}

5. Which value is closest to $(9 \times 10^{10}) + (5 \times 10^6)$?

- (A) 14×10^{10}
- (B) 14×10^{16}
- (C) 9×10^{10}
- (D) 9×10^{16}

6. Small Town USA has a population of 4×10^2 . Big Town has a population of 3×10^8 . How many times larger is Big Town's population than Small Town's?

- (A) 750000
- (B) 7500000
- (C) 75000000
- (D) 750000000

7. How many times larger than 6×10^2 is 12×10^4 ?

- (A) 2×10^2
- (B) 1.2×10^5
- (C) 7.2×10^6
- (D) 2×10^6

8. How many times larger than 5×10^3 is 15×10^6 ?

- (A) 3×10^3
- (B) 7.5×10^9
- (C) 3×10^9
- (D) 1.5×10^7

Guiding Questions

Document A: Ernest de Massey

1. (Sourcing) Who was Ernest de Massey?
2. (Sourcing) When did he write this journal entry?
3. (Contextualization) What was happening in San Francisco when he wrote it?
4. (Close reading) How did de Massey describe the city?
5. (Close reading) How did de Massey describe the people in San Francisco?
6. (Corroboration) How does de Massey's account corroborate the images from the first part of the lesson?

Document B: Henry V. Huntley

1. (Sourcing) Who was Henry V. Huntley?
2. (Sourcing) When did he write this entry?
3. (Close reading) Were there more men or women arriving in San Francisco?

What might have caused this difference in the number of men and women arriving in San Francisco?

4. (Close reading) What does the amount of goods being shipped through San Francisco suggest about how the Gold Rush affected the city?
5. (Corroboration) How does this document corroborate Document A and the images?