

LEARN

A NETWORK *of* COLLEGE PREP ELEMENTARY SCHOOLS

Grade 5

Home Learning Packet

The contents of this packet contain 10 days of activities in paper copy. Students should be complete this packet, along with the lessons through their math/reading *online* programs daily. If students complete the packet before our next round, they should continue using their online math and reading programs for 45 minutes per day per program unless otherwise specified by your campus.

Chicago Public Library Access

**Chicago residents only*

Don't Have a Chicago Public Library Card <i>* Children under 14 must have a guardian apply with them</i>	Already have a Chicago Public Library card
1.) Apply for an eCard at https://tinyurl.com/LEARNCPCLcard	1.) Go to: https://www.chipublib.org/
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3.) Check out other resources at https://chipublib.overdrive.com/	3.) Choose "eBooks" under "By Format"
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North Chicago Public Library Access

** Public Library Access for all Users*

<http://www.ncplibrary.org/>

Select: Kid's Corner

Select: TumbleBook Library

(Student Name)

Day	Date	Title	Genre	Page Started	Page Finished	Total Time

Weekly At-Home Reading Tally

Day	Number of Minutes
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	
Total Minutes This Week	

Teacher Initials for Meeting Weekly Goal: _____

Your Weekly Goal is **225** minutes. Did you meet your goal? _____

Did you exceed your goal? _____

If yes, by how many minutes? _____

What is your favorite book you read this week? Why was it your favorite?

Day	Date	Title	Genre	Page Started	Page Finished	Total Time

Weekly At-Home Reading Tally

Day	Number of Minutes
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	
Total Minutes This Week	

Teacher Initials for Meeting Weekly Goal: _____

Your Weekly Goal is **225** minutes. Did you meet your goal? _____

Did you exceed your goal? _____

If yes, by how many minutes? _____

What is your favorite book you read this week? Why was it your favorite?

Granny loves shopping, but she needs help! She's getting so carried away with her bargains that she's not able to figure out how much she's spending.
Match the correct prices to the items below.

3 rolls of trash bags
costing
\$1.25 each.

\$8.70

6 cans of dog food
costing
\$2.45 each.

\$1.80

3 packets of special
icing costing
\$2.90 each.

\$3.75

3 jars of onions
costing
\$2.10 each.

\$14.70

6 cans of peas
costing
30¢ each.

\$3.20

4 boxes of
chocolates costing
\$4.30 each.

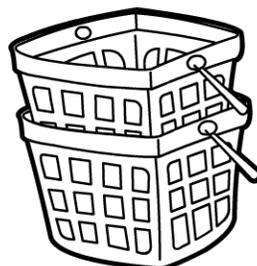
\$2.98

4 boxes of baby rice
costing
80¢ each.

\$17.20

2 bags of ice
costing
\$1.49 each.

\$6.30

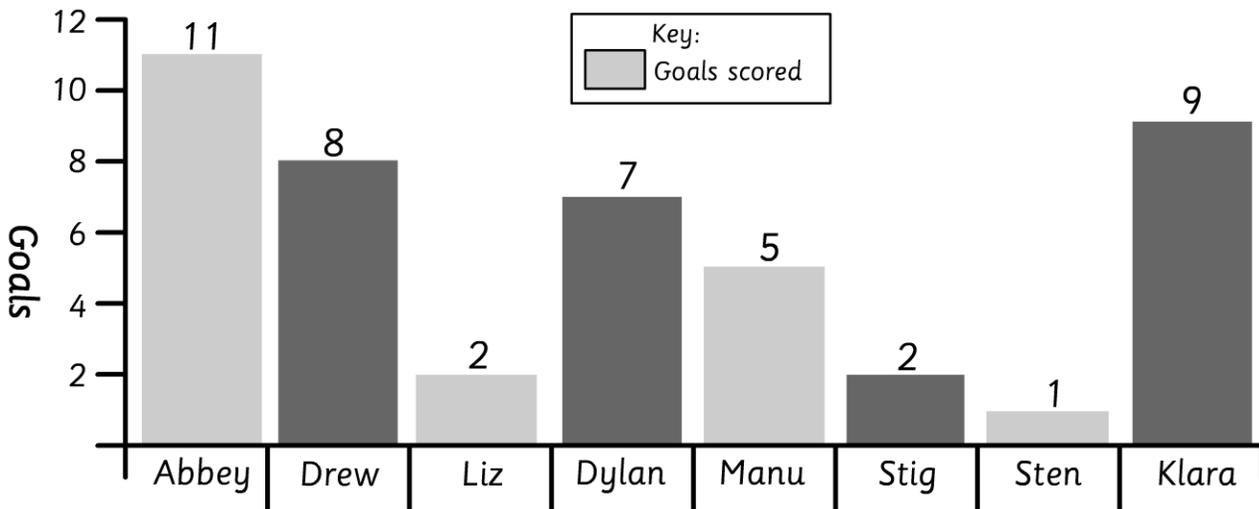


 **Independent Practice**

For numbers 1–5, choose the correct meaning of the underlined word as it is used in the sentence.

- 1** I wandered down to the port to watch cargoes being unloaded from boats.
- A** **port**¹ (pôrt) *n.* a harbor
- B** **port**² (pôrt) *n.* the left on a ship
- C** **port**³ (pôrt) *n.* a valve, or opening that lets liquid out
- D** **port**⁴ (pôrt) *n.* a person's manner, or bearing
- 2** "Your ship looks sound," I said to a fisherman.
- A** **sound**¹ (sound) *n.* a noise
- B** **sound**² (sound) *adj.* in good shape
- C** **sound**³ (sound) *n.* a long, wide body of water
- D** **sound**⁴ (sound) *v.* to measure how deep water is
- 3** "It has to be," he said. "Tomorrow we're bound for the fishing lanes."
- A** **bound**¹ (bound) *v.* to leap or jump forward
- B** **bound**² (bound) *n.* border
- C** **bound**³ (bound) *adj.* tied
- D** **bound**⁴ (bound) *adj.* on the way to a particular place
- 4** "High winds and fierce storms are sure to batter us on the open seas," he continued.
- A** **batter**¹ ('batə) *v.* to hit, pound
- B** **batter**² ('batə) *n.* a player at bat
- C** **batter**³ ('batə) *n.* a liquid mixture, often of flour, eggs, and milk
- D** **batter**⁴ ('batə) *n.* a sloping structure
- 5** "Fortunately, our bow is sturdy and true," he finished.
- A** **bow**¹ (bou) *v.* to bend the head or upper body in greeting
- B** **bow**² (bou) *v.* to be pushed over with age or pressure
- C** **bow**³ (bou) *n.* the front of a ship's hull
- D** **bow**⁴ (bo) *n.* a weapon for shooting arrows

Look at the graph below.
Answer the questions that follow.



- 1 How many goals did Stig, Sten, Klara and Manu score all together?

- 2 Who were the top 5 scorers?

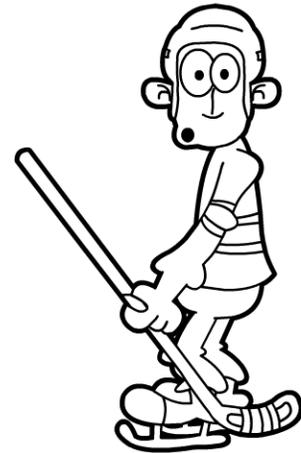
- 3 How many players scored less than 5 goals?

- 4 What two players scored a total of 15 goals?

- 5 Who had two more goals than Manu?

- 6 How many players points did the three lowest scoring players score all together?

- 7 How many goals did the team score in total?



Write two observations about the graph.

Lesson 8

Finding the Theme of a Poem



Learning Target

Studying how a poet reflects upon a topic and the details she includes will help you identify the theme of a poem.

- **Read** Poems can express feelings and ideas on many **topics**. The **speaker** in a poem **reflects** on a topic by saying what he or she thinks and feels about it. You can use these reflections and other details in a poem to figure out that poem's message, or **theme**.

Identify the theme of this comic strip by studying what the characters say and do. Also think about how the comic strip ends.



- **Think** What have you learned so far about using details to identify a theme? Complete the chart below, filling it out with details from the comic strip.

What Do the Characters Say?	What Do the Characters Do?	How Does the Comic Strip End?	What Is the Theme?
			<p><i>Night can ease the worries of the day.</i></p>

- **Talk** Share your chart with a partner.
- What is the topic of the comic strip?
 - Did you describe in the same way what the friends say and do? How about the ending?
 - Do the details you found support the theme? How do you know?



Academic Talk

Use these words to talk about the text.

- **theme**
- **topics**
- **speaker**
- **reflect**

Study Island 5th Grade Math - Numerical Expressions

Question 1 .

Which of the following is true about the expression given below?

$$\left(1,325 \div \frac{1}{3}\right) - 60$$

- A. The given expression is sixty less than $\left(1,325 \div \frac{1}{3}\right)$.
- B. The given expression is sixty times less than $\left(1,325 \div \frac{1}{3}\right)$.
- C. The given expression is sixty times as large as $\left(1,325 \div \frac{1}{3}\right)$.
- D. The given expression is sixty more than $\left(1,325 \div \frac{1}{3}\right)$.

Day 3

Question 2 .

Add 6 and 9. Then, subtract 3.

Which of the following expressions matches the statement above?

- A. $6 + 9 - 3$
- B. $6 + 3 - 9$
- C. $3 + 9 - 6$
- D. $3 - 6 + 9$

Question 3 .

$$\frac{(2,441 - 711)}{4}$$

Which of the following is true about the expression above?

- A. The given expression is 4 less than the value of $(2,441 - 711)$.
- B. The given expression is one-fourth the value of $(2,441 - 711)$.
- C. The given expression is 4 times the value of $(2,441 - 711)$.
- D. The given expression is 4 divided by the value of $(2,441 - 711)$.

Question 4 .

$$(28 \times 54) + 200$$

Which of the following is true about the expression above?

- A. The given expression is 200 times smaller than (28×54) .
- B. The given expression is 200 less than (28×54) .
- C. The given expression is 200 more than (28×54) .
- D. The given expression is 200 times larger than (28×54) .

Question 5 .

Which of the following is true about the expression given below?

$$3 \times (4,617 + 19.17)$$

- A. The given expression is three times as large as $(4,617 + 19.17)$.
- B. The given expression is three more than $(4,617 + 19.17)$.
- C. The given expression is three times less than $(4,617 + 19.17)$.
- D. The given expression is three less than $(4,617 + 19.17)$.

Question 6 .

Subtract 3 from 9. Then, add 4.

Which of the following expressions matches the statement above?

- A. $9 - 4 + 3$
- B. $3 - 9 + 4$
- C. $9 - 3 + 4$
- D. $9 - 3 - 4$

Darkness in the Desert

by Morena Sommers

For desert animals, the day
Is not a time for work or play.
There's little shade; the world is dry.
The clouds are absent from the sky.

5 Things sizzle in the searing heat,
The burning sands hurt creatures' feet—
And so when it turns light they creep
Beneath the ground to fall asleep.

But late in the day the sky grows dim.
10 The sun drops past the canyon rim.
The stars peek through, and very soon
The night replaces afternoon.

Inside their dens the creatures stir—
They like the cooler temperature.
15 By ones and twos, by fives and tens
The animals creep from their dens.

On mountain, prairie, plain, and hill,
The night is when the world is still.
In deserts, though, the times reverse:
20 The dark is good, the light is worse.
The daytime is the time to rest.
For desert creatures, night is best.

The desert fox, the mouse, the hare,
At night they scamper here and there.
25 Their claws scratch softly in the sand.
Their faint calls echo through the land.
From dusk to dawn, all through the night
They feed and play till morning light.

Close Reader Habits

When you reread the poem, **circle** words and phrases that tell the topic of the poem. Then **underline** details that show the speaker's reflections on the topic.

Explore

What details in the poem “Darkness in the Desert” develop its theme?



Look for evidence of what the speaker thinks about day and night in the desert.

Think

- 1 Complete the chart below. Identify the poem’s topic, the details that develop the topic, and the speaker’s reflections on the topic. Use this information to determine the theme of the poem.

What Is the Topic of the Poem?	What Are the Details About the Topic?	What Are the Speaker’s Reflections on the Topic?	What Is the Theme of the Poem?

Talk

- 2 Share your charts. Did you and your partner identify the same theme? What details did you use to support your understanding of the poem’s theme? If necessary, return to your chart to change or add details.

**Write**

- 3 **Short Response** What is the theme of the poem “Darkness in the Desert”? Use examples from the poem and your chart to support your response. Use the space provided on page 140 to write your answer.

HINT Start your response by stating the theme in one sentence.

Question 7 .

Day 4

Add 6 and 7. Then, multiply by $\frac{2}{3}$.

Which of the following expressions matches the statement above?

- A. $7 + 6 \times \frac{2}{3}$
- B. $6 \times \left(\frac{2}{3} + 7\right)$
- C. $6 + 7 \times \frac{2}{3}$
- D. $\frac{2}{3} \times (6 + 7)$

Question 8 .

Directions: Drag each tile to the correct box.

Put the expressions in order from least to greatest.

$$\frac{(20 + 75)}{6}$$

$$(20 + 75) \times 3$$

$$\frac{(20 + 75)}{2}$$

$$(20 + 75) \times 4$$

< < <

Question 9 .

Divide 19 by 3. Then, add 4.

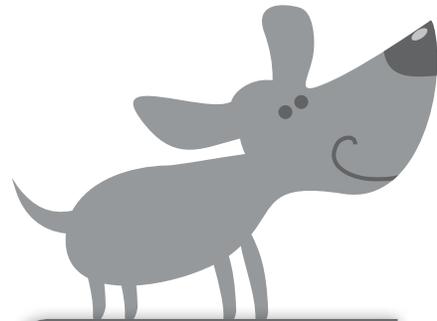
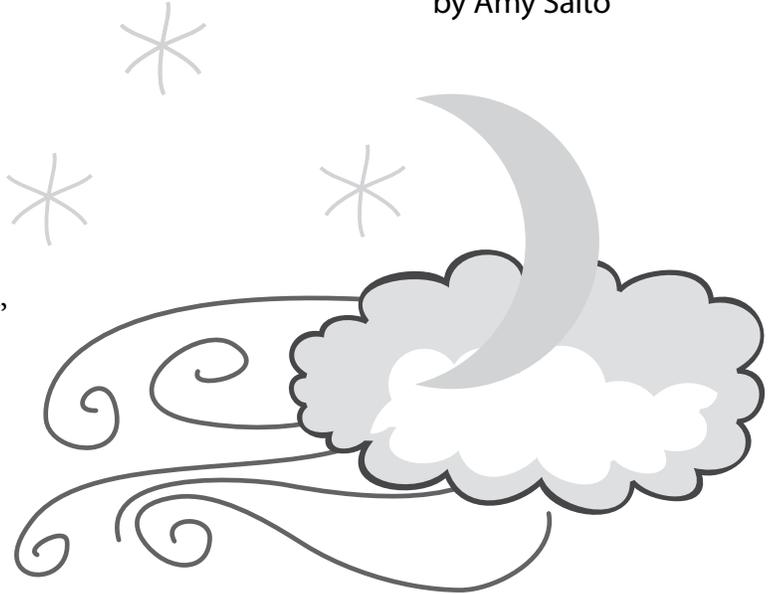
Which of the following expressions matches the statement above?

- A. $3 \div 19 + 4$
- B. $19 \div 4 + 3$
- C. $19 \div (3 + 4)$
- D. $19 \div 3 + 4$

NIGHT WALK

by Amy Saito

- 1 The sky above, the streets below,
The stars reflecting off the snow—
A lovely night for us to go
Out for a walk, the puppy thinks.
- 5 The moon's a brilliant shade of gold,
And though she's just a few months old,
The puppy knows the night is cold—
She leans into the wind and blinks.
- What's that thing moving in the tree?
- 10 The puppy dashes up to see.
It's vanished! What a mystery!
She sits beneath the tree to bark.
- Her master guides her through the night
First turning left, then turning right
- 15 The dark is deep, there is no light
She yanks her leash: is this the park?
- The night's a lovely time to roam
But now it's time for heading home.
She's only little, after all,
- 20 Can't run all night when she's so small.
- Someday she'll grow a little more
And when she's three, or maybe four
She'll run all night, and she'll be tough—
Tonight, though, she's gone far enough.
- 25 Her master strokes her furry head,
And yawning, she goes off to bed.
But as she sleeps, the moonlight beams
Will dart and dance inside her dreams.



Close Reader Habits

What is the message of the poem? Reread the poem. **Underline** details showing what the puppy does. Use these details to identify the poem's theme.

Think Use what you learned from reading the poem to answer the following questions.



A narrative poem tells a story. Identifying how characters respond to events will help you figure out the theme of the poem.

- 1** This question has two parts. Answer Part A. Then answer Part B.

Part A

How are the events in stanzas three and four important to the theme of the poem?

- A** The events show it is a good night for a walk.
- B** The events show that puppy is young and active.
- C** The events show the speaker is the puppy's master.
- D** The events show that the night is dark and dangerous.

Part B

Select **one** choice from **each** stanza that **best** supports the answer to Part A.

- A** "What's that thing moving in the tree?" (stanza three)
- B** "The puppy dashes up to see." (stanza three)
- C** "...sits beneath the tree..." (stanza three)
- D** "Her master guides her..." (stanza four)
- E** "...there is no light..." (stanza four)
- F** "She yanks her leash:..." (stanza four)

Talk

- 2** What details in the poem can help you identify the topic and the theme of "Night Walk"? Use the chart on page 141 to record such details.

HINT Think about the speaker's reflections on how the puppy will change over time.



Write

- 3 Short Response** Describe the topic and the theme of the poem "Night Walk." Use details from the poem and your chart to support your response. Use the space provided on page 141 to write your answer.

NIGHT WALK

2 Use the chart below to organize your ideas.

What Is the Topic of the Poem?	What Are the Details About the Topic?	What Are the Speaker's Reflections on the Topic?	What Is the Theme of the Poem?



Write Use the space below to write your answer to the question on page 139.

3 Short Response Describe the topic and the theme of the poem "Night Walk." Use details from the poem and your chart to support your response.

Day 5

1. Which measures are equivalent to 10 meters? Mark all that apply.
 - A. 0.01 kilometer
 - B. 1,000 millimeters
 - C. 100 millimeters
 - D. 1,000 centimeters

2. Which measures are equivalent to 3 feet? Mark all that apply.
 - A. 36 inches
 - B. 15 inches
 - C. 1 yard
 - D. $\frac{1}{3}$ yard

3. Which numbers round to 0.1 when rounded to the nearest tenth? Mark **all** that apply.
 - A. 0.09
 - B. 0.95
 - C. 0.99
 - D. 1.04
 - E. 0.05

4. Which numbers round to 0.02 when rounded to the nearest hundredth? Mark **all** that apply.
 - A. 0.025
 - B. 0.023
 - C. 0.026
 - D. 0.019
 - E. 0.014

Lesson 2

Prepositions and Prepositional Phrases

 **Introduction** A **preposition** is a word that shows how other words in a sentence are related. Words such as *about*, *by*, *in*, *of*, *on*, *to*, and *under* are prepositions.

- A **prepositional phrase** begins with a preposition and ends with a noun or a pronoun. The noun or pronoun is called the **object** of the preposition.

	preposition	object		preposition	object
The Emperor penguins	[of]	[Antarctica]	spend winter	[on]	the open [ice.]

- A preposition tells about the relationship between the object of the preposition and another word in the sentence. Look at these sentences.

Emperor penguins swim **under the ice** when they hunt.

I recently saw a movie **about these amazing** penguins.

- In the first sentence, the preposition *under* tells about the relationship between *ice* and the verb *swim*. In the second sentence, the preposition *about* tells about the relationship between *penguins* and the noun *movie*.
- A prepositional phrase sometimes tells *how*, *when*, *where*, or *what kind*. In the sentences you just read, the prepositional phrase *under the ice* tells *where* the penguins swim. The prepositional phrase *about these amazing penguins* tells *what kind* of movie it was.

Guided Practice

Underline the prepositional phrase in each sentence and circle the preposition. Then draw an arrow from the object of the preposition to the word it relates to.

HINT Most prepositional phrases come after the noun or verb they describe.

Example:
I read a book **about Emperor penguins.**

- 1 Emperor penguins breed in the winter.
- 2 Female Emperor penguins lay eggs on the ice.
- 3 Males watch the eggs while the females travel to the sea.
- 4 The warmth of the males' feathers protects the eggs.
- 5 The females return and provide food for the little chicks.

 **Independent Practice**

For numbers 1–3, choose the prepositional phrase in each sentence.

- 1** Emperor penguins can be found on only one continent.
- A** found on only one continent
 - B** can be found
 - C** only one continent
 - D** on only one continent
- 2** Antarctica’s winter begins in late March.
- A** winter begins
 - B** begins in
 - C** in late March
 - D** begins in late March
- 3** There are 17 types of penguins, and the Emperor penguin is the largest.
- A** of penguins
 - B** and the Emperor penguin
 - C** is the largest
 - D** are 17 types of

For numbers 4 and 5, answer the question.

- 4** Read this sentence.

Most animals move to a warmer place each winter, but Emperor penguins do not.

What is the purpose of the underlined preposition?

- A** to describe when animals move
- B** to connect *warmer* with *animals*
- C** to connect two phrases about winter
- D** to show a relationship between *move* and *place*

- 5** Read this sentence.

The feathers of the penguin keep out cold air and water.

What is the purpose of the underlined preposition?

- A** to connect *feathers* with *cold*
- B** to show a relationship between *feathers* and *penguin*
- C** to tell what a penguin’s feathers do
- D** to show a relationship between *penguin* and *cold*

Day 6

5. What is the value of the expression $(4 \times 5) + (10 \times 30)$?

- A. 49
- B. 90
- C. 320
- D. 900

6. What is the value of the expression $2 \times (3 \times 5) - (8 \times 3)$?

- A. 4
- B. 6
- C. 21
- D. 66

7. What is the product of $3,614 \times 272$?

- A. 956,080
- B. 958,528
- C. 980,560
- D. 983,008

8. What is the product of $5,891 \times 458$?

- A. 2,693,956
- B. 2,698,078
- C. 2,739,298
- D. 2,743,878

WORDS TO KNOW

As you read, look inside, around, and beyond these words to figure out what they mean.

- assured
- complained

Anna's MONSTERS

by Justin Nuñez



- 1 I'm scared of the darkness, I don't care who knows it,
I don't like the darkness at all.
I sleep with the lights on—two lights in my room,
And a much brighter light in the hall.
- 5 I'm frightened of monsters that might come and get me,
Whenever I climb into bed.
My mother says, "Anna, you're just being silly,
The monsters are all in your head!"

- But I don't think that's true, because of what happened
- 10 Last night, the first day of the week.
I put on my nightgown, got under the covers—
Rolled over, and heard a strange squeak.
It wasn't a mouse, and it wasn't a rabbit,
It wasn't a dog or a cat.
- 15 So I screamed out in terror. My mother came running!
"Whatever," she asked me, "was that?"

- "I heard a strange noise!" I explained to my mother,
I was almost too frightened to talk.
I *knew* it was monsters, some big hungry monsters,
- 20 It was all I could do not to squawk!
"I *don't* like the darkness," I said to my mother,
"I don't like the dark and the night.
Can't I get up and sit with you out on the couch,
In a room that's all cheery and bright?"

25 “Oh, *Anna*,” Mom said, and she looked at me sadly.

“Do we need to go through this once *more*?

Last night you assured me that you saw a monster—

It turned out to be socks on the floor.”

“But this one was real!” I complained to my mother.

30 “I heard it squeak loudly and clear!

I don’t like the darkness, the monsters will eat me—

Don’t let them come anywhere near!”

My mother explained that the noises weren’t monsters;

She showed me some interesting things.

35 For example, I learned that my bed makes a squeak

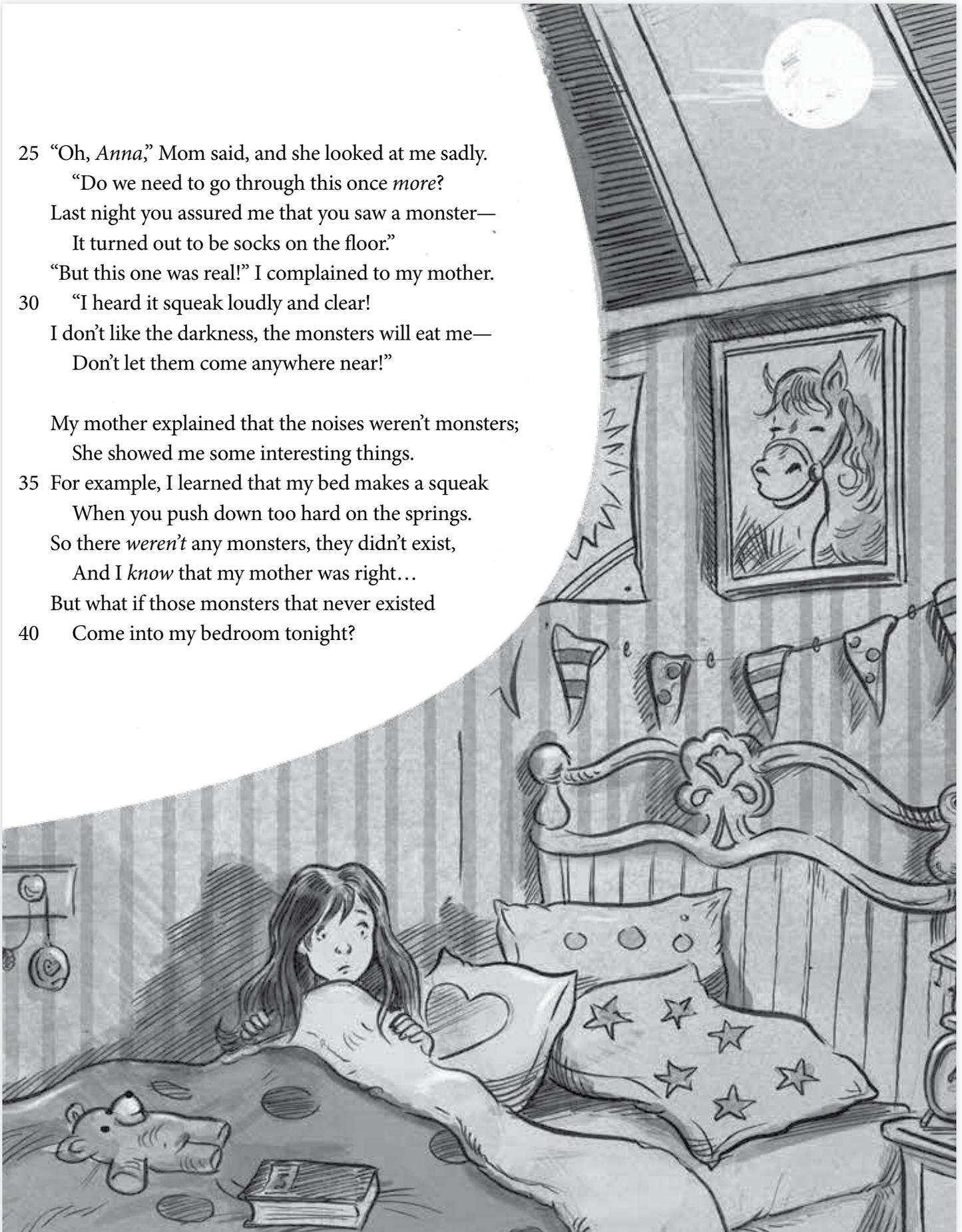
When you push down too hard on the springs.

So there *weren’t* any monsters, they didn’t exist,

And I *know* that my mother was right...

But what if those monsters that never existed

40 Come into my bedroom tonight?



Think Use what you learned from reading the poem to answer the following questions.

- 1** This question has two parts. First, answer Part A. Then answer Part B.

Part A

Read the line from the first stanza of the poem.

The monsters are all in your head!

Which phrase **best** states the meaning of all in your head?

- A** easy to see
- B** ready to attack you
- C** only imagined
- D** giving you a headache

Part B

Which detail in the first stanza **best** helps the reader understand the meaning of all in your head?

- A** "I'm scared of the darkness, . . ."
- B** "I sleep with the lights on, . . ."
- C** "Whenever I climb into bed."
- D** "'Anna, you're just being silly, . . .'"

- 2** Which statement **best** summarizes the speaker's message about fears?

- A** For most people, nighttime is scary because it is dark and quiet and nobody is awake.
- B** Many people are much too fearful, and some are even afraid of their own surroundings.
- C** It can be hard to stop being afraid, even when someone proves that what you fear is not real.
- D** It is easy to get over a fear once someone shows you that your fear is based on something that is not real.

- 3 This question has two parts. First, answer Part A. Then answer Part B.

Part A

How are the events in stanzas two and three important to the poem's theme?

- A These events show Anna doesn't like the dark of night because that is when she sees the monsters.
- B These events show Anna remembers it was last night that she heard a squeak.
- C These events show Anna's mother comes running in fear when Anna screams.
- D These events show Anna believes that monsters make the noises that scare her in the dark.

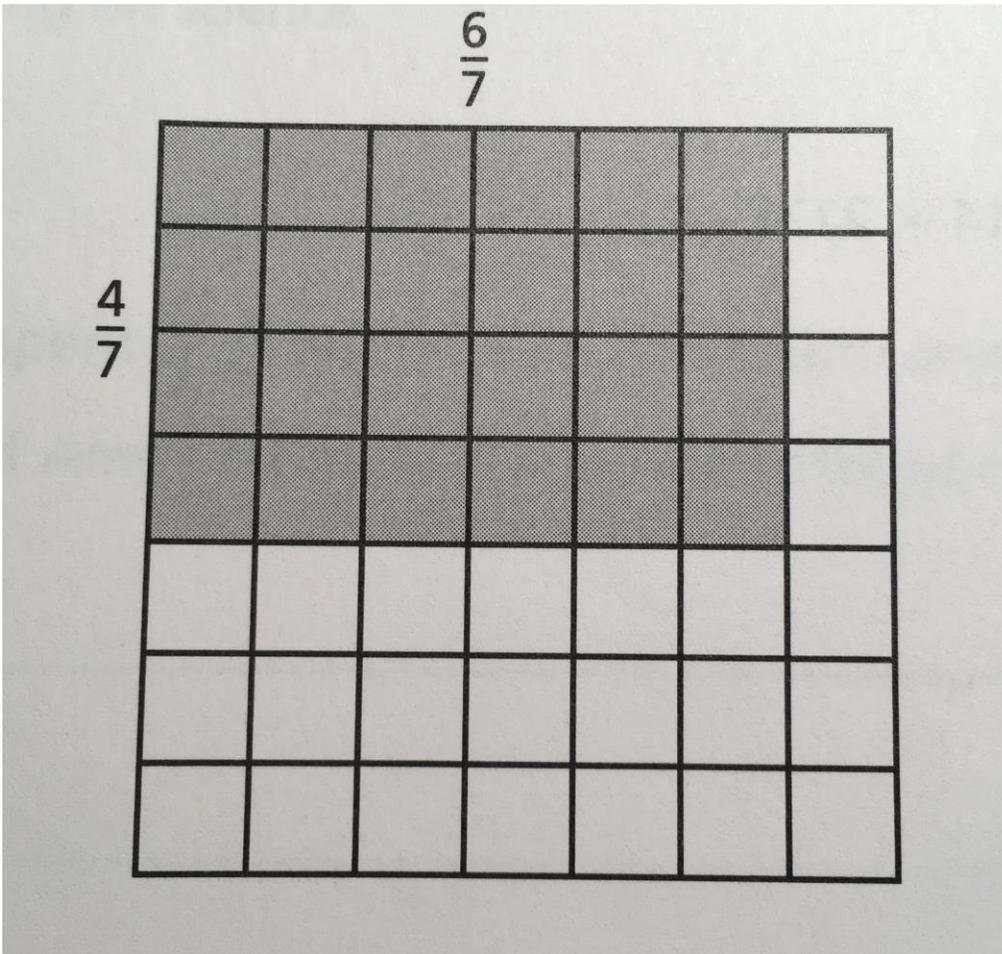
Part B

Select **one** choice from **each** stanza that **best** supports the answer to Part A.

- A "... because of what happened. . . ." (stanza two)
 - B "... I screamed out in terror." (stanza two)
 - C "... 'Whatever,' she asked me, 'was that?'" (stanza two)
 - D "I *knew* it was monsters, . . ." (stanza three)
 - E "It was all I could do. . . ." (stanza three)
 - F "... a room that's all cheery and bright?" (stanza three)
- 4 Which line from the poem **best** summarizes a theme of the poem?
- A "'The monsters are all in your head!'" (line 8)
 - B "Rolled over, and heard a strange squeak." (line 12)
 - C "So I screamed out in terror. My mother came running!" (line 15)
 - D "'I *don't* like the darkness,' I said to my mother," (line 21)

Day 7

9. The shaded region in the figure below is $\frac{4}{7}$ unit wide and $\frac{6}{7}$ unit long.



What is the area of the shaded region?

- A. $\frac{24}{49}$ square units
- B. $\frac{28}{42}$ square units
- C. $1\frac{3}{7}$ square units
- D. $3\frac{3}{7}$ square units

Day 7

10. Which expressions represent the statement "three minus the product of seven and four"? Mark **all** that apply.

- A. $3 - (7 \times 4)$
- B. $(7 \times 4) - 3$
- C. $3 - (7 \div 4)$
- D. $3 - (4 \times 7)$
- E. $(7 \div 4) - 3$

11. Place parentheses and/or brackets in the expression below to make it equivalent to 6. Then, write that expression on the line below.

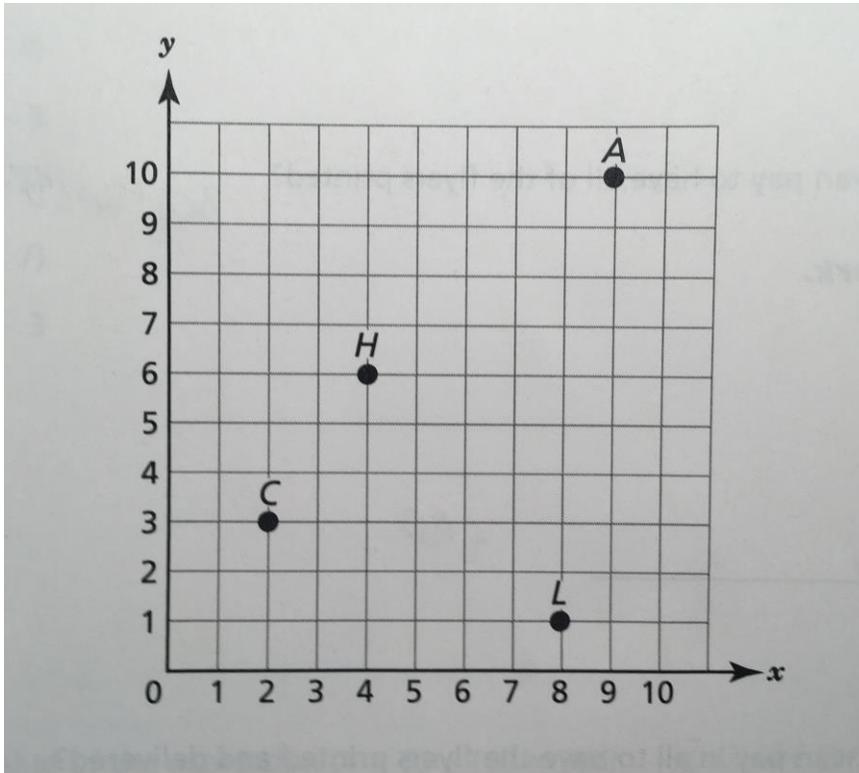
$$4 \times 5 + 7 \div 3 + 5$$

12. Adalia has a cooler that is in the shape of a rectangular prism. The inside of the cooler is 20 inches wide, 14 inches high and 12 inches long. What is the volume, in cubic inches, of the inside of the cooler?

$$V = l \times w \times h$$

Day 7

13. The locations of four points are shown below. Which statements about the points' x -coordinates are true? Mark **all** that apply.



- A. $L > H$
- B. $C > A$
- C. $H > L$
- D. $A > C$
- E. $C > H$

WORDS TO KNOW

As you read, look inside, around, and beyond these words to figure out what they mean.

- **hovering**
- **vaster**

SUMMER NIGHT

by Bianca Cappetta

- 1 The city is full of streetlights, stoplights, floodlights
making it hard to see the stars
But Ben and Louie are out this summer night at ten PM
in front of their apartment building, peering up at the sky anyway.
- 5 Ben asks if that's the constellation Orion hovering over there just
above that billboard
Louie shrugs because he doesn't know for sure
He asks how many light-years to the edge of the universe
and what's beyond the edge when you get there
- 10 *if you could get there (which you probably can't, but if you could)*
Ben says he doesn't know for sure either
It's a vast place, the universe, but what's beyond it must be vaster still
And they know they should go inside and get ready for bed
but it's too wonderful out here below the faint glow of the stars
- 15 and they just can't





Write Use what you learned from reading “Summer Night” to answer the following question.

5 Short Response What is the theme of the poem “Summer Night”? Use details from the poem to support your answer.

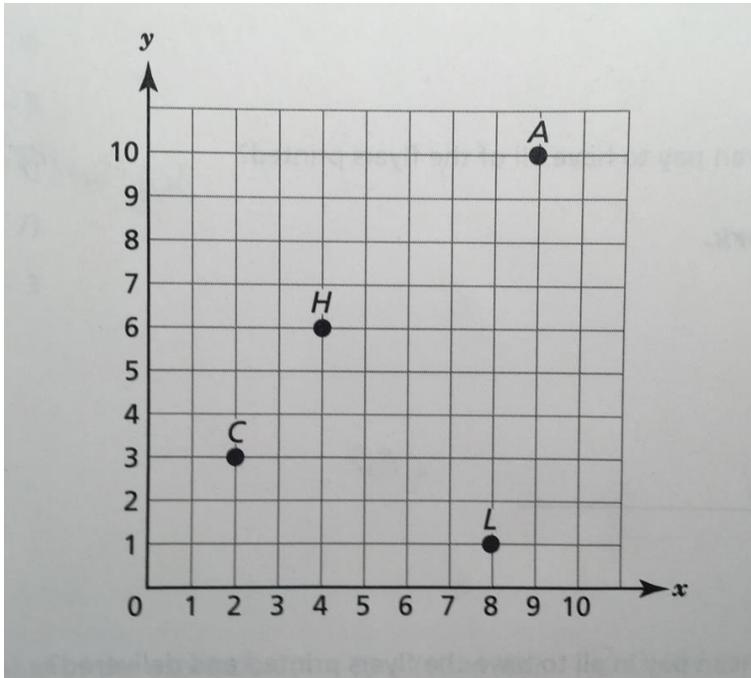


Learning Target

In this lesson, you used details from poems to identify their themes. Explain why this activity is important for understanding poetry in general.

Day 8

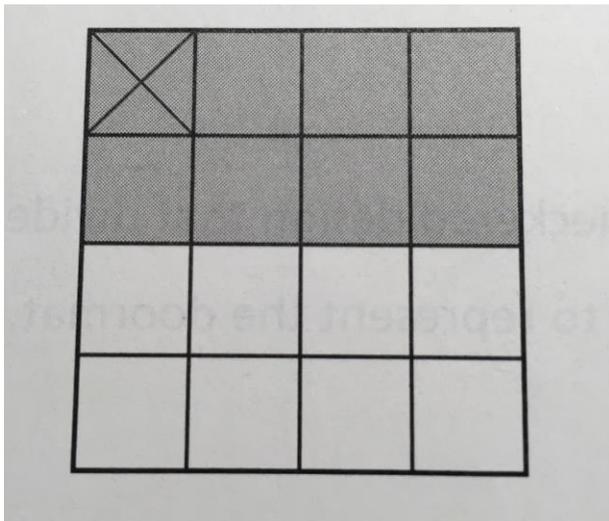
14. The locations of four points are shown below. Which statements about the points' y-coordinates are true? Mark **all** that apply.



- A. $C > H$
- B. $H > L$
- C. $L > H$
- D. $A > C$
- E. $H > A$
15. Which expression has the greatest number of zeros when the number is written in standard form?
- A. $10,000 \times 10^9$
- B. $7,000 \times 10^9$
- C. 42×10^{12}
- D. 20×10^{10}

Day 8

16. Yahir has a $\frac{1}{2}$ gallon of milk in a container. He pours $\frac{1}{16}$ of a gallon into a mixing bowl.



What fraction of a gallon does Yahir have left in the container?

- A. $\frac{7}{8}$
- B. $\frac{7}{16}$
- C. $\frac{1}{14}$
- D. $\frac{1}{16}$
17. Which terms describe every rectangle? Mark **all** that apply.

- A. square
- B. quadrilateral
- C. parallelogram
- D. equilateral
- E. trapezoid

Writing and Research

This is a rough draft of an essay. It has some mistakes. Read the essay. Then answer the questions that follow.

Climbing Mount Whitney

California's Mount Whitney is the highest mountain in the United States, outside of Alaska. Mount Whitney is 14,496 feet high. That's high, but not so high that it can't be climbed by a fit hiker. I read all about it in a library book, *Climbing Mount Whitney*. Last summer I reached the summit of Mount Whitney. Yes you can also do it, but you'll need some preparation.

First of all, get in shape. The best training is climbing lower mountains or hills. Cycling, running, and walking up stairs are also good practice. Occasionally do some activity like biking or inline skating for a really long time. Try skating for 30 or 40 miles, or take a bike ride of four to five hours. Then try it with a backpack!

Lack of oxygen at high elevations makes it harder to breathe. Get used to this by spending some time at high elevations just before you climb. If you do this, you avoided the headaches and cramps that can trouble climbers at high elevations.

Go On

Day 8

Now that you're in shape and used to the height, rest. The day before your climb, take it *easy*. The night before your climb, eat a dinner of spaghetti, rice, or noodles. Finally, climbing day is here! You're rested and ready. Eat a light breakfast. Then put on your sneakers, get your water and snacks, and head for the trail. Take it slow and steady. By the end of about eight hours, you will had reached the top of Mount Whitney. At that moment you'll be looking down on every other person in the continental United States. Wow, what could be cooler than that?

23 Read this sentence from the essay.

I read all about it in a library book, *Climbing Mount Whitney*.

What is the correct way to write the title of the book?

- A** 'Climbing Mount Whitney'
- B** "*Climbing Mount Whitney*"
- C** *Climbing Mount Whitney*
- D** "Climbing Mount Whitney"

24 Read this sentence from the essay.

Yes you can also do it, but you'll need some preparation.

Which of the following should replace the underlined part to make the sentence correct?

- A** Yes—you can also do it
- B** Yes, you can also do it,
- C** Yes you can also do it
- D** Yes! you can also do it,

25 Read this sentence from the essay.

If you do this, you avoided the headaches and cramps that can trouble climbers at high elevations.

On the lines below, rewrite the sentence with the correct verb tense for the underlined word.

26 Read this sentence from the essay.

By the end of about eight hours, you will had reached the top of Mount Whitney.

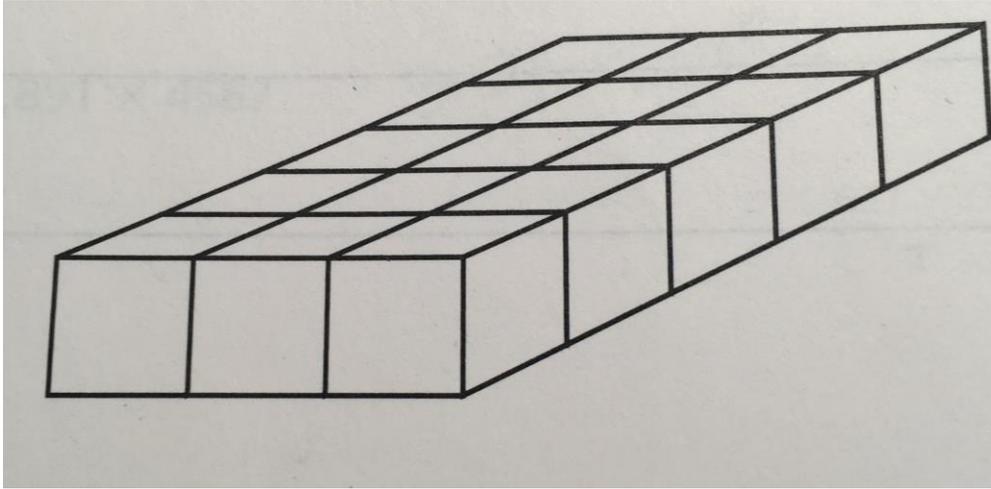
How should the underlined part be corrected?

- A** reached
- B** had been reaching
- C** have reached
- D** will have reached

Go On

Day 9

18. The figure below is made of 1-centimeter cubes. What is the volume of the figure?



- A. 3 cm^3
- B. 5 cm^3
- C. 8 cm^3
- D. 15 cm^3

19. Which terms describe every trapezoid? Mark **all** that apply.

- A. quadrilateral
- B. closed figure
- C. parallelogram
- D. rectangle
- E. square

Lesson 15

Using Context Clues

 **Introduction** You can use **context clues** to figure out the meaning of an unfamiliar word. The chart below gives examples of different types of context clues.

Type of Clue	Example
Definition	<u>Superfoods</u> , or natural foods that may prevent disease, have become popular.
Cause/Effect	Some superfoods, such as blueberries and red beans, contain <u>antioxidants</u> . These can help remove harmful substances from the human body.
Comparison	Some experts look <u>dubiously</u> on claims about superfoods, but other experts believe strongly that these foods can improve health.

Context clues can also help you figure out words with more than one meaning. For example, the table below has two sentences with the word *source*. What does *source* mean in each sentence? You can use the underlined context clues to figure out which meaning of *source* is being used.

Sentence	Context Clues	Definition
Choosing high-sugar drinks can be a <u>source</u> of health <u>problems</u> .	A <u>problem</u> has a cause. Therefore, the <u>source</u> of a problem is its <u>cause</u> .	the cause of something
The <u>website</u> MyPlate.gov is a <u>source</u> for <u>facts</u> about food choices.	A <u>website</u> can have information such as <u>facts</u> . Therefore, a <u>source</u> is something that gives information.	something that gives information

The sentences before and after the sentence with an unfamiliar word can also hold context clues.

 **Guided Practice**

Determine the meanings of *fleeting*, *empirical*, and *panacea*. Then underline the words or phrases that helped you determine their meaning.

HINT The phrases *as a result of*, *because of*, and *thanks to* all signal cause-and-effect relationships. Words such as *but*, *too*, *also*, and *as well as* all indicate comparisons.

Some fads are **fleeting**, but more than a few people feel that superfoods are here to stay. The idea of superfoods isn't new, but the amount of **empirical** information we have about them is. Scientific observations and tests offer some evidence that certain foods can help people stay healthy. Nobody claims that these foods are a **panacea**—nothing can guarantee perfect health or cure every disease—but they can be part of a sensible diet.

 Independent Practice

**For numbers 1 and 2, read the paragraph.
Then answer the questions.**

For centuries, people in coastal areas of China and Japan have harvested a superfood found in marine environments. Recent studies show that eating seaweed protects against infection. It also might reduce the risk of serious diseases and extend peoples' life spans. If true, these would be important benefits.

- 1** What does the word marine mean in this paragraph?
 - A** very nutritious
 - B** dark blue in color
 - C** having to do with the ocean
 - D** member of the armed forces

- 2** Which two words from the paragraph help you understand the meaning of marine?
 - A** "China" and "Japan"
 - B** "coastal" and "seaweed"
 - C** "centuries" and "people"
 - D** "superfood" and "studies"

**For numbers 3 and 4, read the paragraph.
Then answer the questions.**

Closer to home, you can find superfoods right in your garden or local store. Think "crisp and crunchy." Cabbage, broccoli, cauliflower, and kale detoxify harmful substances. As a result, they may help to prevent some forms of cancer. These veggies also are low in calories and have lots of vitamins A, C, and K.

- 3** What does the word detoxify mean in this paragraph?
 - A** to move in a wide circle
 - B** to chew food slowly
 - C** to make a difficult decision
 - D** to remove bad effects

- 4** Which two words from the paragraph help you understand the meaning of detoxify?
 - A** "crisp" and "crunchy"
 - B** "prevent" and "cancer"
 - C** "veggies" and "substances"
 - D** "calories" and "vitamins"

Here, Pyggy Pyggy

by Gail Hutter

- 1 The first time you heard about or saw a piggy bank, you might have wondered: Why a pig? Why not some other animal? Wouldn't a bear or a wolf be a more appropriate guard of a person's money? To understand how the pig became the animal of choice for a small, personal bank, we need to peer into the past—all the way back to England in the Middle Ages.
- 2 During the Middle Ages, people in England used dishes, pots, and bowls made of clay. Clay was an ideal substance for such objects because it was cheaper than metal and easier to shape than wood. One type of orange-colored clay was particularly inexpensive and easy to mold into shapes. The name of this clay was "pygg."
- 3 So pygg was used to make common household objects—but what's the connection between pygg and piggy banks? Hundreds of years ago, banks did not exist as they do today, but people still needed to keep their coins in a place from which they could be easily removed. So, they put them into pygg jars, which later became known as "pygg banks." In the 1800s, some inventive potters began making pygg banks in the form of a pig with a slot in the back. Not only were these "piggy banks" more pleasing to look at than regular jars, potters could charge more money for them. Thus the piggy bank was born.
- 4 For centuries, most piggy banks were made of clay and could be opened only by shattering them. Today's piggy banks are made from clay, metal, glass, or plastic, and most contemporary piggy banks have a hole in the bottom for taking out money easily. Most people agree that the hole in the bottom was a good addition to the piggy bank. Otherwise, every time you retrieved your money, you'd have to spend some of it on a new piggy bank.



Close Reader Habits

Are there any unfamiliar words or phrases in this article? When you reread, **underline** context clues that can help you figure out what they mean.

Explore

What context clues can help you understand unfamiliar words and phrases in the text?



Look for context clues in the same sentence or nearby sentences.

Think

- 1 Complete the chart below by telling the context of each unfamiliar word or phrase, its possible meaning, and the clues that led you to that definition.

Unfamiliar Word or Phrase	Context	Possible Meaning	Clues
<i>Peer into the past</i> (paragraph 1)			
<i>Inventive potters</i> (paragraph 3)			
<i>Contemporary</i> (paragraph 4)			
<i>Retrieved</i> (paragraph 4)			

Talk

- 2 Use context clues to determine why clay was an “ideal substance” for making certain objects.



Write

- 3 **Short Response** Define the phrase ideal substance. Support your definition with context clues from the passage. Use the space provided on page 194 to write your answer.

HINT First, define *ideal substance*. Then explain how clay fit that definition.

