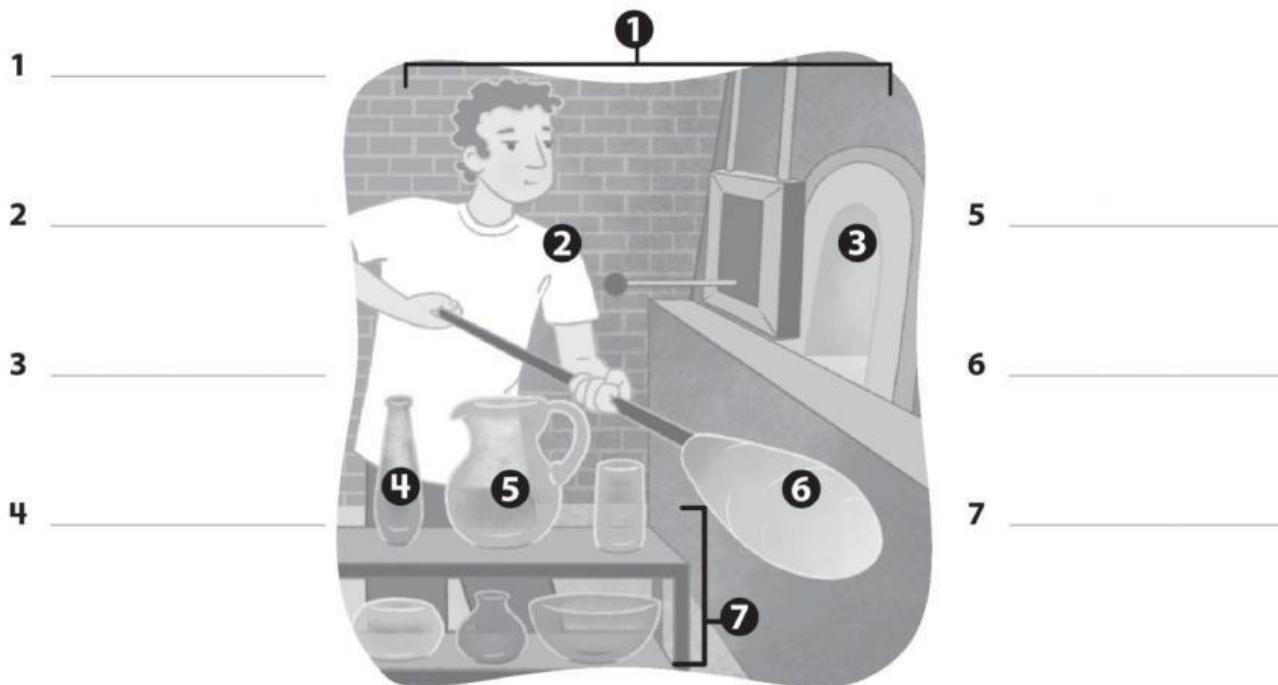


Words**A** Look and label.

vase glassblower furnace workshop glassware pitcher glass

**B** Match the words to the pictures.

1 eyeglasses

•

•

a

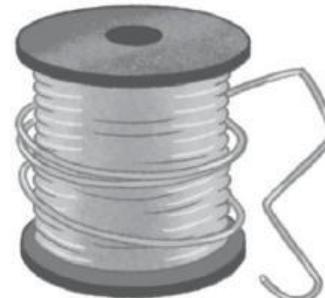


2 frames

•

•

b



3 wire

•

•

c



C Check (✓) the correct words. Then match the sentences to the pictures.

1 A _____ makes things with glass. •

- a glassware
- b glassblower
- c frame

• A



2 A _____ is used to hold water. •

- a pitcher
- b wire
- c furnace

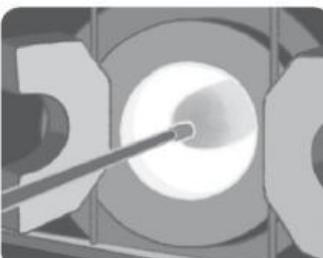
• B



3 A _____ is hot. It can melt glass. •

- a workshop
- b furnace
- c glassblower

• C



4 _____ help us see better. •

- a Frames
- b Vases
- c Eyeglasses

• D



D Read the story. Complete the sentences with the words in the box.

workshop frames eyeglasses glass

My New Eyeglasses

Mom takes me to the eye doctor. I need new _____ so I can see better. First,

we pick out the _____. I choose the green ones. Lenses used to be made of

_____, but now they're usually made of plastic. My eyeglasses will be made

in the _____. Mom and I will pick them up next week.

Read

A Read the story. Where did the boy and his father go?

B Read the story again. What did the glassblower make? How did he make it? Remember, after we read a part of a story, we can summarize what we read. We can write or talk about the main points in a sentence or two.

The Glassblower

My dad took me to visit Mr. Donatello, a famous **glassblower**. He lived in a small house in the country. Next to the house was his **workshop**. That's where he blew **glass**.

"Hello," said Mr. Donatello.

"Welcome to my workshop. Let me show you around." There were glass objects everywhere: glasses, **vases**, **pitchers**, and bowls. Slowly and carefully, we moved toward the **glassware**. I moved more slowly than my dad and Mr. Donatello. I was afraid I might fall and break the delicate objects.

"Glassblowing was invented by the Romans in the first century BC," Mr. Donatello explained. "For centuries, glassblowers have been blowing glass to make objects that hold water."



My dad was a glassblower. When I was growing up, he taught me to blow glass. Let me show you how I make these beautiful things."

Mr. Donatello walked slowly toward the **furnace**. He placed a pair of protective plastic glasses over his **eyeglasses**. Then very carefully, he extended the blowpipe into the furnace and pulled out a ball of molten glass.

First, he rolled the molten glass ball on a steel table.

"This is to shape the glass," he explained. "I'm going to make a beautiful bowl."

Then he used metal tools to help him get the ball into the shape he wanted. Finally, he began to blow into the blowpipe.

"I have to work very quickly," he said, "before the glass gets hard."

Mr. Donatello worked more quickly than I've ever seen someone work. And in just a short time, he made a beautiful glass bowl.

Think Summarize the first part of the story in one or two sentences.

Think Summarize the second part of the story in one or two sentences.

Understand

Comprehension

A How did the invention of blown glass change people's lives?

B Check (✓) the correct answers in 1. Number the steps in 2.

1 What tools does the glassblower use?

- a** an axe
- b** a blowpipe
- c** a furnace

2 How does the glassblower make the bowl? Number the steps in order.

- a** Roll the molten glass and use tools to shape it.
- b** Pull out a ball of molten glass.
- c** Extend the blowpipe into the furnace.
- d** Blow the glass.

C Words in Context Circle the correct answers.

1 When you _____ something, you hit it with a hard object.

- a** pound
- b** bump
- c** roll

2 She heard _____ coming into the workshop.

- a** glassware
- b** footsteps
- c** molten glass

3 The glassware is very _____.

- a** delicate
- b** difficult
- c** flat

4 The boy was careful not to

_____ into the table.

- a** shape
- b** bump
- c** pound

D About You Answer the questions.

1 Look around. How many different things made of glass can you see? What are they?

2 Which one do you think is the most useful?

Grammar in Use

A Study the grammar.

Learn Grammar

Comparative and Superlative Adverbs



Comparative Adverbs	Superlative Adverbs
I came earlier than you.	Harry came the earliest .
Max answered more carefully than Ken.	Of the three students, Max answered the most carefully .
Who ran faster , Gina or Carol?	Who ran the fastest , Gina, Carol, or Miho?

B Look and write the correct comparative or superlative adverbs.



1 Billy ran the fastest. (fast)



2 Who can jump higher? (high)



3 I got to school earlier than Allie. (early)



4 I didn't sing as loudly as the others. (loud)



5 Who swims faster, Sam or Andy? (fast)



6 Amelie got to the park earlier. (early)

C Circle the correct answers.

- 1 I moved **more carefully / the most carefully** than my dad.
- 2 The glassblower moved **more carefully than / the most carefully**.
- 3 The glassblower worked **faster / the fastest** than he did before.
- 4 He worked **faster / the fastest** of all the local glassblowers.

D Look and write.



1 (He / fastest)

He runs the fastest.



2 (She / slowest)

She runs the slowest.



3 (Bob / faster than / Bill)



4 (Annie / slower than / Emma)

E Rewrite the sentences using superlative adverbs.

1 The boy moved more carefully than his dad and the glassblower.

The boy moved the most carefully.

2 Mr. Donatello worked more quickly than other glassblowers.

3 A furnace gets hotter than an oven or a grill.

4 Mr. Donatello shapes the glass more skillfully than his father and his grandfather.

Word Study

harmful fearless careful fearful harmless careless

A Z

A Match and write.

1 harm + -ful



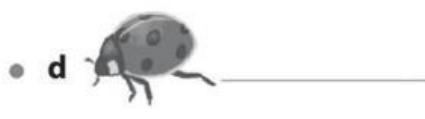
2 harm + -less •



3 fear + -ful



4 fear + -less



5 care + -ful



6 care + -less



B Read the story. Complete the sentences with the words in the box above.

Fearful or Fearless?

Carolyn and Amy are twins. But they are not alike. Carolyn loves to ride on the roller coaster. She is . Not Amy. Amy doesn't like the amusement park.

Writing Study

A Match the sentence parts.

1 After school,	•	• a after the race.
2 I always study a lot	•	• b Mom washes the dishes.
3 Before dinner,	•	• c before breakfast.
4 The runners felt tired	•	• d we take the bus home.
5 After dinner,	•	• e before a test.
6 I get dressed	•	• f we set the table.

B Write about how an invention affected people's lives.

Read the example. Use **before** or **after** in your writing. Use superlative and comparative adverbs (for example, **slower than**, **faster than**, **the slowest**, **the fastest**).

Before the invention of the telephone, people had to send letters to their friends and family. The mail moved **slower than** our voices on a telephone today.

After the invention of the telephone, people could call friends and talk to them anytime.

Wrap Up

Writing

A Read Kimberly's opinion essay about a useful modern invention. Label the parts of the essay.

Opinion

I Love My E-reader

In my opinion, the most useful modern invention is the e-reader. It is a good invention for many reasons. It is small and light. It holds lots of books. And I can carry it everywhere I go. I can even use it to read in the dark.

Some people say that they prefer real books to e-readers. People need to understand why e-readers are better. Real books take up a lot of space. And they get old. E-readers don't get old. And the books are all in one convenient place. E-readers give us all of our books at our fingertips when we want them.



B Prepare to write an opinion essay about a useful modern invention.

Brainstorm ideas about useful modern inventions. Choose one and write it here.

Organize your ideas. Write them in the chart.

	My Ideas
Why It Is Useful	
Why Some People Don't Like It	
Conclusion	

C Now go to your notebook to write your own essay. Then read and revise it.

My writing checklist:

- I wrote a topic sentence at the beginning of each paragraph.
- I wrote my opinion and gave reasons for it.
- I included a short conclusion.
- I read and revised my opinion essay.
- I wrote about a different view.

BIG QUESTION 7

How do inventions change our lives?

Look back through Units 13 and 14:

Which reading text taught you the most about inventions?
Why?

What do you think are the three most important modern inventions?

Why do you think these inventions are so important?

Review

A Look and write.

hammer fearless ramp footsteps eyeglasses globe

1



2



3



4



5



6


B Two of the three words are correct. Cross out (X) the wrong answer.

1 This is usually made of glass.	a pitcher	b jar lid	c vase
2 Glassblowers use this tool.	a blowpipe	b furnace	c wire
3 These are ramps.	a seesaws	b slides	c hills
4 This is a type of lever.	a hammer	b doorknob	c seesaw

C Complete the sentences with *too*, *so*, *either*, or *neither*. Make sure there is subject–verb agreement.

1 A light bulb is a screw.

A jar lid _____.

2 Pitchers are glassware.

_____ bowls and vases.

3 Slides aren't levers.

Mountains and hills _____.

4 A hammer isn't a ramp.

_____ an axe.

D Make two sentences for each picture. Use *before* in one sentence and *after* in the other.



the game



breakfast



1 Before the game _____, we put on our uniforms.

After the game _____, we got a trophy.

2 _____, I got dressed.

_____, I rode my bicycle to school.



dinner



the race



3 _____,

I played soccer.

_____, I did

my homework.

4 _____, I put on

my sneakers.

I was very tired

_____.

E Circle the correct answers.

1 He swam **faster** / **the fastest** of the three.

2 Who came to class **later** / **the latest**?

3 Amy came **earlier than** / **the earliest** Sue.

4 Jon can jump **higher than** / **the highest** Sami.