

B Circle the one that doesn't belong.

- | | | | | |
|---|-----------|-----------|------------|-----------|
| 1 | sphere | ball | plain | globe |
| 2 | bump | erode | collide | crash |
| 3 | whole | piece | chunk | crust |
| 4 | shelter | chamber | room | outdoors |
| 5 | geologist | biologist | chemically | scientist |
| 6 | speck | lump | pile | mass |



Exercise C possible answers

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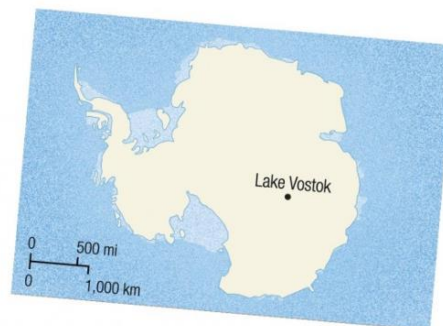
- 1 Biologist, archaeologist, etc.
- 2 Helium, hydrogen, iron, bronze, silver, uranium, etc.
- 3 Learn to play an instrument, learn a new language, etc.
- 4 To glue, mold, press things like sculptures, woodblock carvings, or collages, etc.
- 5 Classrooms, students, teachers, etc.
- 6 Moon, globe, Earth, etc.

C Words in Context Look at the words you circled in the text. Then match the sentence halves.

- | | | | |
|-------------------------------------|-----------------------|----------------------------------|---|
| 1 Geologists believe that a volcano | <input type="radio"/> | <input checked="" type="radio"/> | a carries land, not water. |
| 2 The continental crust | <input type="radio"/> | <input checked="" type="radio"/> | b new stadium downtown. |
| 3 These sections of the theater | <input type="radio"/> | <input checked="" type="radio"/> | c layer and is mostly composed of rock. |
| 4 They're building an enormous | <input type="radio"/> | <input checked="" type="radio"/> | d could erupt at any time. |
| 5 The mantle is Earth's deepest | <input type="radio"/> | <input checked="" type="radio"/> | e caused a lot of damage. |
| 6 The intense heat from the fire | <input type="radio"/> | <input checked="" type="radio"/> | f can each hold 50 people. |

A Listen. Circle the correct answer.  1-19

- 1 Where is Lake Vostok?
 a the Arctic b Antarctica
- 2 How long has the lake been hidden?
 a 10 million years b 20 million years
- 3 How many hidden lakes are there?
 a about 400 b about 100
- 4 How wide is Lake Vostok?
 a 48 kilometers b 257 kilometers



Exercise B answers

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- 1 Scientists are looking for ancient bacteria.
- 2 They are removing water samples by drilling.
- 3 Lake Vostok is one of the largest lakes on Earth.
- 4 They would send a robot down to explore because it is one of the coldest places on Earth.

Exercise D answers

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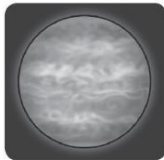






- 1 match: something you use to make a flame; a sports contest (tennis match)
- 2 clear: empty or free from things; plain and obvious
- 3 bow: something made of wood and string, used to shoot an arrow; a ribbon tied in a special way
- 4 tie: a draw in a sports match where both teams get the same number of points; a piece of clothing men wear around their necks

Exercise E answers

- The mantle (which is 2,900 kilometers thick) is Earth's deepest layer.
- Rocks are composed of different elements (such as iron, calcium, and sodium) and are constantly changing.
- The movement of Earth's plates (known as plate tectonics) can cause mountains to form.

A Write the correct word for each picture.

sphere collide chamber geologist chunk element pressure crust

1		2		3		4	
	geologist		sphere		collide		chunk
5		6		7		8	
	element		pressure		crust		chamber

B Circle the correct answer.

- A ball is the shape of a _____.

<input type="checkbox"/> a chunk	<input checked="" type="checkbox"/> c sphere
<input type="checkbox"/> b chamber	<input type="checkbox"/> d crust
- _____ builds up, causing volcanoes to erupt.

<input type="checkbox"/> a Mass	<input type="checkbox"/> c Sphere
<input type="checkbox"/> b Element	<input checked="" type="checkbox"/> d Pressure
- The oceanic _____ carries water.

<input type="checkbox"/> a chamber	<input type="checkbox"/> c sphere
<input checked="" type="checkbox"/> b crust	<input type="checkbox"/> d mass
- Copper and gold are both _____.

<input checked="" type="checkbox"/> a elements	<input type="checkbox"/> c spheres
<input type="checkbox"/> b chambers	<input type="checkbox"/> d chunks
- When two different chemicals _____, there may be an explosion.

<input type="checkbox"/> a erode	<input type="checkbox"/> c comprise
<input checked="" type="checkbox"/> b collide	<input type="checkbox"/> d pressure
- Magma collects in magma _____.

<input type="checkbox"/> a chunks	<input type="checkbox"/> c crusts
<input type="checkbox"/> b spheres	<input checked="" type="checkbox"/> d chambers

Exercise C answers

Nouns	Verbs	Adverbs
mass	comprise	gradually
crust	collide	chemically
sphere	erode	
chamber		
chunk		
geologist		
pressure		
element		

D Write a sentence for each word.

- 1 **crust** Earthquakes leave scars in earth's crust.
- 2 **geologist** The geologist found many uncovered fossils in the valley.
- 3 **collide** When oxygen and carbon collide, we will have carbon dioxide.
- 4 **gradually** The balloon descended gradually as the air came out.
- 5 **element** Carbon is an element, while carbon dioxide is a compound.
- 6 **erode** The building had been eroded by the weather.

A Fill in the chart with homonyms.

match rock tie bow clear	1	match	something to light a fire with
	2	bow	a weapon that goes with an arrow
	3	tie	sometimes a game will end in this
	4	clear	easy to understand
	5	bow	something you can tie using ribbon
	6	rock	a large stone
	7	clear	the sky is this on sunny days
	8	tie	you can wear one around your neck with a shirt
	9	rock	a type of music
	10	match	a game you play against another team

B Complete the sentences with homonyms from **A**.

- 1 I need a to light this candle. Do you have one?
- 2 My older sister loves listening to music.
- 3 The game was still a with only two minutes to play.
- 4 Let's put a on this gift to make it look nicer.
- 5 Dad always wears a suit and a to go to his office.
- 6 Great news! My team won the .
- 7 On some nights, the sky is so that you can see every star.
- 8 In archery, players use a and an arrow.
- 9 Mom couldn't drive down the road because a large was blocking the way.
- 10 The article was easy to understand, and the visuals were .

C Use the homonyms from **A** to write five sentences of your own.

- 1
- 2
- 3
- 4
- 5

Exercise A answers

- 1 Some jobs (such as being a surgeon) are difficult.
- 2 The water (which takes a long time to reach the deepest part of the Earth) rises to the surface as steam.
- 3 Many animals (including tigers and pandas) are severely endangered.
- 4 Old Faithful (a geyser in Yellowstone National Park) is famous all over the world.
- 5 Geologists (like many other types of scientists) are interesting people to talk to.

- 6 Brussels (which is the capital of Belgium) is known for having great food.
- 7 Certain vegetables (including mushrooms and broccoli) are called superfoods.
- 8 Some games (like this one on my phone) are free to download.

B Circle *True* or *False*.

If you take out the extra information from the sentences in **A**, they are still complete sentences with a subject and a verb.

True

False