ame		Date		Class
Spelli	ng Power			
nit 1: Revi	ew Lessons 1–4	1		
although	abstract	challenge	chaos	debris
diaphragm fulfill	digital guarantee	efficiency	endurance official	enlighten repeatedly
subtle	successful	symbolic	infinity	vague
	from the list that best	complete the "terse	verse" rhymes. Wi	ite your choices on
e lines.	at the bounda	ary line: disorder at the	horder	
	snoop: comp	•	border	
	an:			
	of campgro		s tents	
	and catch			
	nt:		istate and lasemate	
	of the final testament:		the will	
	of white fudge :			
,	reement:		,	
			amlining	
	from the list that best			nices on the lines
	play the tuba,	•	•	
2. When Leona ask	s her parents why they pi explanation o	refer the piccolo, they c		colo.
	ey ask if Leona can give ar		that s	she won't disturb the
1. She patiently an	d	reassures them that	at she will practice so	ftly.
	ming obstacles, so she rel		·	•
	n is important; it's the			
	eeds muscles as well as m			

18. She practices deep breathing to strengthen her _____

Spelling Power

19. She jogs and lifts weights to build stamina and ______

20. Leona has just one objection: the _______ band uniforms are lime green and orange.

Grade 7 9

Name	Date	Class

Spelling Power

Proofreading Application

Lessons 1-4

Read the updated fairy tale below. Find the twenty misspelled words and circle them. Then, on the numbered lines, write the correct spelling for each circled word.

Once there lived a king who wouldn't let his daughter marry. The queen was in complete acord. "We'll be candide, Rapunzel, dear," they told the princess. "There is no evadence we will ever find a suitor worthy of you."

"But I have fundementel objections to being single!" wailed the princess. "This is gastly! If you do not let me find a husband, I guaranty I will run away!"

After that dialouge, the king began to speceulate about the wisdom of leaving Rapunzel unguarded. He locked her in a maignificent tower deep in the forest. There she spent her days clamoring for vengence, silent only when fatig overcame her.

Meanwhile, following culturel norms, the prince of a nearby satelite state set off on a quest. Althou he was awed by the tower, he was confused by the sounds of fury coming from it. He prudently donned camaflauge gear and hid in the underbrush.

Soon there appeared—an oponent? No, it was only the king's asistant. "Rapunzel, Rapunzel!" the servant cried. "Let down your hair!" From a high window, the princess uncoiled her long braid. The servant tied a basket to the braid, and Rapunzel pulled up her supper.

"What luck that the servant's arrival should coincide with mine!" thought the prince. As soon as the servant left, he emerged and called, "Rapunzel, Rapunzel, let down your hair!"

Rapunzel looked down to see a man dressed as a gooseberry bush. "Well," she thought, "I comend his creativity . . ." She uncoiled her braid, and the prince began to climb up.

"Yowch!" howled Rapunzel. "How much do you weigh?"

"Patience, sweet petunia! Soon you'll be mine!"

But Rapunzel reached for the scissors. "Why should I go bald just to gratafy you? I'm a princess, not a climbing rope. Go find yourself another petunia. And lose some weight!"

Snip! The prince was history. Rapunzel made peace with her parents, inherited the kingdom, and lived happily ever after.

l	8	14
2	9	16
3	10	17
4	11	18
5	12	19
6	13	20
7	14	

10 Grade 7 Spelling Power

Nar	ne			Date	2	Class
(5	pellin	g [owe	er .		
Ur	nit 2: Reviev	v Less	ons 5	-8		
l	cede flawless priestly sovereign	compa haunte reignin superse	d g	conceding kernel seaboard thoughtful	exceed minimum secede unyielding	faculty perceive slaughter vigor
Cho	oose the words fro	om the lis	t that be	st complete the se	ntences. Write your	choices on the lines.
1.	Graybeard the Pirat	e, who pro	wled the	east coast, was called	d the scourge of the ea	stern
2.	His reputation was	similar to (Captain K	idd's; the fierceness o	of the two pirates was a	ılso
3.	The king of Spain, li	ike every o	other		, dreaded Graybeard	l's attacks.
					in his qu	
5.	An ability to sense t	reasure ne	earby was	his keenest		
6.	Only a sharp observ	ver might .		hi	s weakness.	
7.	A secret terror			the bold maraud	ler, giving him no peac	e.
	It was a wise and _ Monday.			sailor who firs	st realized that Graybea	rd never attacked on a
9.	Instead, he would _			safe passage	to any ship he met.	
10.	Did his fear of Mon	days		his des	sire for wealth?	
the	word list to check	your sp	elling.		below. Write the w	ords on the lines. Use
_						
_				mall nugget or core		
				to withdraw from a g	group	
_			00	- ruling or governing		
			. ,	0,		
				– to butcher or mass	sacre	
				•		
		20.	incegnod	 Vielding or acknowledge 	wledging	

Spelling Power

Name	Date	Class
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Spelling Power

Proofreading Application

Lessons 5-8

Read the whodunit story below. Find the twenty misspelled words and circle them. Then, on the numbered lines, write the correct spelling for each circled word.

"Alas!" moaned Dorothea, Duchess of Dotson. "My priceless hierloom—stolen!" The awthentic Hittite pinky ring (gold, with an inlaid design of battle-axes) had vanished over the weekend. Police siezure of possible evidence had turned up no clues.

Luckily a famous detective and philosepher had agreed to take the case. His percentige of successes was phenomenal. "Ether I'll solve this mystery within the week," he announced, "or my name isn't Socrates Sleuth."

Haste was essential; the trail grew colder with each succedeing day. As a precotion, Sleuth interviewed all members of the household, no matter how lowly their statis. He pieced together an idea of events that had preseded the theft.

Now he had the wieghty task of drawing a conclusion. He thought so hard that the viens in his forehead bulged. He thought so hard that his hairline receeded before the Duchess's eyes. "I suspect," he said at last, "that this crime procedes from the den of the notoarious felon, I. R. Smartalecky." There was an awdible gasp from behind the door. Sleuth's demeanor changed. "Would it appaul you, Duchess Dotson," he intoned, "to learn that the criminal is in this very house?"

He opened the door to reveal a sight that was almost comicle: Sneeps, the butler, was listening at the keyhole. Quickly the parlor maid moved to intersede. "He couldn't have stolen the ring!" she cried. "He wasn't even here at eleven on Saturday night!" Her wild eyes showed a lack of emotional stabillety.

"Ah," said Sleuth, "and how do you know the precise day and time of the theft? No one else had any idea."

Betrayed by her love for the butler, the maid confessed.

"Sleuth, you're a genius!" exclaimed the duchess. "At what school did you learn your craft so well?"

Sleuth rolled his eyes. "Elementary, my dear Dotson."

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Grade 7 19 20 Grade 7 Spelling Power

May 4, 2020

Coronavirus and the Economy

How does the coronavirus impact different parts of the economy?

Create Your Blast

How does the coronavirus impact different parts of the economy?

Remember to use RACE. Restate the question, answer the question, cite your evidence and explain. (This must be 3 paragraphs with 9-12 words in a sentence.

Answer the StudySync QuikPoll

4

What is the best way to protect the economy during the coronavirus outbreak?

- Sending money to all Americans, encouraging people to spend money and help the economy.
- $\hfill \Box$ Providing paid sick leave, so people with the coronavirus can stay home and stop the spread.
- and we can get back to normal.
- $\hfill \square$ Investing in coronavirus vaccine research, so we can halt the effects of the virus.
- Something not listed here.

Number Crunch

39

Amazon accounts for about 39 percent of all e-commerce sales in the United States, according to ${\sf CNET}.$

StudySync Blast Info



Background

The coronavirus outbreak is affecting many different parts of the world's economy. We have compiled a list of answers to frequently asked questions about the outbreak's economic impact.

ELA - CORE CLASS ______

We're learning more about COVID-19 every day. Some information and advice is likely to change. Visit the Centers for Disease Control (CDC) website for the most up-to-date information about the coronavirus.

How is the coronavirus affecting the global economy?

The coronavirus is affecting almost all aspects of the economy. It affects factories, restaurants, airlines, banks and farms. Richard Kozul-Wright is the director of the Division on Globalization and Development Strategies at the United Nations Conference on Trade and Development.

Kozul-Wright says that the economic slowdown will cost the global economy at least \$1 trillion total. But what does that actually mean? Neil Irwin is a senior economics correspondent for The New York Times. "One person's spending is another person's income," Irwin says. "That, in a single sentence, is what the \$87 trillion global economy is."

In other words, some people cannot make money because their city or country is enforcing mandatory quarantines. Those people cannot spend money. This becomes a global problem when countries restrict the transport of goods. This restriction slows global trade. This stops the flow of money around the world. China is the world's second-largest economy. It has faced harsh effects. The nation saw its industrial output drop by 13.5 percent in January and February 2020 compared sales dropped by 20.5 percent.

OK — what about the American economy?

It can be helpful to look at the stock market to understand how the coronavirus is impacting the U.S. economy. The term stock market often refers to the largest stock market indexes. Examples include the S&P 500 or the Dow Jones Industrial Average (the Dow). The stock market shows how well all listed companies are doing, according to writer Kimberly Amadeo. "If investors are confident, they will buy stocks, stock mutual funds, or stock options," Amadeo writes for The Balance. "Some experts believe markets predict what the savviest investors think the economy will be doing in about six months." The Dow measures the stock of 30 large companies in the U.S. On March 16, 2020, the Dow witnessed a historic drop. It was its third-worst day ever. The Dow closed the day with a decrease in value of 12.9 percent. Ian Goldin is a professor of economics at the University of Oxford. Goldin says that local and international response is necessary to help the U.S. economy. "America cannot save itself in isolation," Goldin writes for The New York Times. "Focusing inward at the expense of outward engagement alienates others and undermines the political good will necessary to find joint solutions to our common problems. The local and global need to go hand in hand."

Which jobs have suffered the most?

It all depends on your location. However, certain types of jobs are suffering more. Some states or cities have forced certain businesses to close. Examples include restaurants, movie theatres and gyms. According to a March 17 poll by NPR, PBS NewsHour and Marist College, approximately one in five households have either lost work or face fewer hours. Jobs at airlines, hotels, retail stores and in entertainment have seen an immediate effect. This is because people are cancelling

upcoming trips and practicing social distancing. This will also impact the future economy. People could lose their jobs and use up their emergency savings or money in the stock market. Then, they will spend less on construction, new cars, and other expenses in the next few months.

How are companies responding?

Companies like Starbucks and local coffee shops are typically gathering places. Many of these businesses are now only allowing to-go or drive-through orders. Movie theatres are operating at lower capacity or closing entirely. So, movie studios are changing their strategies. Universal Pictures has chosen to make many of its movies that were exclusively in theatres available to rent online. Some major companies have offered paid leave for their employees. One example is the Darden Restaurant Group. This company operates Olive Garden and other restaurant chains.

How are major U.S. companies, like Amazon, handling the coronavirus problem?

With more people staying home, online shopping has greatly increased. Amazon has seen a lot more demand for certain goods. In response, the company announced on March 16 that it would hire 100,000 workers to meet their distribution needs. Workers will receive a \$2 per hour increase until the end of April. However, Amazon could soon run into a supply chain issue. When will hand sanitizer, cleaning supplies, and other in-demand items sell out? Will goods that were supposed to ship from other countries be fulfilled, if those countries had shutdowns? On March 19, Amazon reported its first confirmed COVID-19 case in a worker at its Queens, New York, warehouse. This case made people feel concerned about the possibility of coronavirus spreading through delivery and large warehouses.

Has the government stepped in to offer assistance?

On March 18, President Donald Trump signed a coronavirus relief package into law. This package includes free testing for the coronavirus and paid emergency leave, according to CNN. This stimulus package also includes a plan to send a total of \$500 billion to Americans in two large payouts. "The first one would be \$1,000 per person, \$500 per child," Treasury Secretary Steven Mnuchin said. "So for a family of four, that's a \$3,000 payment. As soon as Congress passes this, we get this out in three weeks. And then, six weeks later, if the president still has a national emergency, we'll deliver another \$3,000." Both Democratic and Republican senators said they support the plan. "The amount of spending, does it give everybody pause? A little bit," said Republican Sen. Joni Ernst. "But you know what? It needs to be done."

What do you think? How does the coronavirus impact different parts of the economy?

How does the coronavirus impact different parts of the economy?

(Write your 3 paragraphs on lined paper and attach it. Use RACE.If you have a printer, you may type it up and attach it. Don't forget to include proper heading with your full name, Core Class and the date.)



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Name	Date	Class
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Lesson 5 Using Reference Skills

Using a Dictionary Entry

You already know that a dictionary is a valuable source of definitions. The words defined in a dictionary are called entries. Look at the sample entry below.

independer	Guidewords Pronunciation spelling	
Entry	indicate (in' da kāt') v. 1. to point out or point to: I will indicate when we should leave. 2. to be a sign of: The red spots on his skin indicate measles. 3. to demonstrate the necessity of: The crowded conditions indicate the need for a new school building. 4. suggest, state briefly: I indicate agreement by nodding my head.	
·	Definition(s) Sample phrase or sentence	

EXERCISE

Use the sample entry to answer each question.

1. Which entry would you find on this page, indefinite, index, or individual?
2. Which meaning of <i>indicate</i> is being used in the following sentence?
The darkening clouds indicated the storm's approach.
3. On which syllable does the major accent fall in the word <i>indicate</i> ?
4. Use the third meaning of <i>indicate</i> in a sentence of your own.
5. Use the fourth meaning of <i>indicate</i> in a sentence of your own.
6. What guidewords might be on the pages before and after the page of this entry?
before
after
7. Use the second meaning of <i>indicate</i> in a sentence of your own.



Vocabulary Power

Review: Unit 1

EXERCISE

Circle the word in parentheses that best completes each sentence.

- 1. We started a poster campaign to get students involved in school issues and to fight (apathy, burden, providence).
- **2.** As the sun rose, the dark outline of the mountain peak slowly became (patriotic, erratic, visible).
- 3. It's best not to get upset about (paternal, inaudible, trivial) or unimportant matters.
- **4.** The brightly colored birds are from (naive, portable, exotic) locations around the world.
- **5.** The explorer read the strange (inscription, asset, motive) on the ancient treasure chest with growing excitement.
- **6.** Paul promised not to (divulge, consent, prescribe) the secret I whispered to him.
- 7. Because he was almost fifteen years older than his younger brother, Mark's feelings for Michael were more (naive, paternal, trivial) than brotherly.
- 8. The crowded conditions and harsh rules in the prison caused feelings of (dictator, diction, dissension) among the prisoners.
- **9.** You have to be (exotic, agile, patriotic) to complete the obstacle course.
- 10. We must find a way to make drivers (comply, dissent, propel) with the speed limit.

Vocabulary Power Unit 1, Lesson 5 9 10 Unit 1 Review Vocabulary Power

Name	

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Test: Unit 1

PART A

Vocabulary Power

Circle the letter of the word that best completes the sentence.

___ Class _

Unit 1 Test 11

Date

 The police wonder a. apathy 	red about the man's _ b. motive	for committin	
You'll have to impl a. diction			nderstand what you are saying d. exhibit
3. Only a pe a. paternal	erson would tell a stra b. naive	nger his credit card n c. portable	
	thanks to for b. the inscription	•	
5. The photographers a. deport	waited for the groun b. propel	dhog to from	
	can somethin		
	n't change the judge's b. prescribed	. ,	
	message if you b. dictate		
9. Have you decided a. consent	which seashells to b . divulge	in the showcas	
10. The company pres a. dictate	•	he new factory would c. propel	compact discs. d. manufacture
11. I could see the stag		quality was po	
12. Taking class notesa. burden		oken arm heals won't c . dissension	
13. While most club m a. consent	nembers agreed with t b. comply		Ricky to forcibly. d. scribble

Name	Date	Class
Vocabulary Power continued		

14.	14. The congresswoman pounded the table and stated that she would never to raising taxes for the poorest taxpayers.				
	a. consent	b . dissent	c. dictate	d. prescribe	
15.			ub like a(n), c. asset	without asking anyone else's opinion. d. exhibit	
16.		the instructions, b. manufacture		e someone will misunderstand them. d. deport	
17.		nswer for a while insta b. wholeheartedly			
18.	of sentencing him t	to jail.	,, ,	ge decided to him instead	
	a. divulge	b. deport	c. specify	d. prescribe	
19.	Doing volunteer wo stray dogs and cats		er will certainly	you to the problem of too many	
	a. exhibit	b . dictate	c. sensitize	d. divulge	
20.	Be sure to	that you want the pe	eaches with the red co	enters.	
	a. specify	b . exhibit	c. dictate	d. deport	
_					
	RT B de the letter of th	e expression that b	est answers the qu	estion.	
1.	What propels a sail	boat through the wate	er?		
	a. the water	b. the captain	c. the rudder	d. the wind	
2.		d a person have patric b. a country	0	d. a beverage	
_		,			
3.	,	b. a concert		d. a swimming meet	
4.	If you are in agreer	ment with a proposal,	you would express yo	our	
	a. asset	b. dissent	c. consent	d. inscription	
5.	5. How would you describe having a reputation as an honest person?				
	a. an asset	b. a burden	c. a motive	d. an exhibit	

12 Unit 1 Test Vocabulary Power

Name		Class	Date
Lesson 5 Sentence Fra	gments		
thought. A group incomplete sente The truck, an old Slowly climbed	have a subject and a property of words that does not ence, or sentence fragmed red one. (lacks a precentle steep hill. (lacks a ground outside of town. (t have both a subjec tent. licate) subject)	t and a predicate is an
Exercise 1 Write sif it is a fragment.	sent. in the blank if the	group of words is a	a sentence and write frag.
frag. Learned	about bees.		
1. Geneticis	st Warwick Kerr studied	l honeybees.	
2. At the Ur	niversity of São Paulo i	n Brazil.	
3. In 1956 h	ne imported some Afric	an queen bees.	
4. These be	es had a savage reputat	ion.	
5. Attacked	animals and people wi	ithout warning.	
6. However	, African bees sting onl	y to defend their ne	st.
7. Most stin	ging incidents occur d	uring the swarming	season.
8. The hot s	summer months.		
9. Stinging	incidents by large num	bers of bees are unc	ommon.
10. Dr. Kerr o	carefully kept the bees i	in enclosures.	
11. Not anoth	ner beekeeper.		
12. Allowed	twenty-six queens and	their swarms to esc	ape.
13. The Afric	can bees readily nested	in the wilds of Braz	zil.
14. Reproduc	cing quickly and swarm	ning frequently.	
15. The Afric	can honeybees began to	spread.	
16. In all dire	ections.		

_	Honey bees, digger wasps, and red ants.
_ 1	. Live together in colonies.
_ 2	. Did you know that a colony may contain thousands of insects?
_ 3	. One queen.
_ 4	. Produce all the eggs.
_ 5	. A special room or cell for the queen.
_ 6	. Bees, wasps, and ants undergo a complete metamorphosis.
_ 7	. The four stages of these insects.
_ 8	. The egg, the larva, the pupa, and the adult.
_ 9	. The female workers.
_ 10	. Workers have many jobs.
_ 11	. Collect food and take care of the nest, the queen, and her offspring.
_ 12	. Some workers protect the nest from enemies.
_ 13	. Search for food to bring back to the colony.
_ 14	. Insects' various ways of communication.
riting	Link Write four complete sentences containing both a subject and a predica
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_____ Class _____ Date ____

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Name_

Class _____ Date

Lesson 6

Simple and Compound Sentences

A simple sentence has one subject and one predicate. However, a simple sentence may have a compound subject, a compound predicate, or both.

Saturn and **Jupiter** are the two largest planets in our solar system. (compound subject)

Queen bees **survive** the winter and **lay** eggs in the spring. (compound predicate) **Juan** and **Luis throw** and **catch** the softball. (compound subject and compound predicate)

A compound sentence contains two or more simple sentences joined by a comma and a coordinating conjunction or by a semicolon. (and, but, or, nor or for)

Priscilla enjoys reading about technology, **but** she doesn't care for science fiction.

Paramecium are very small; a microscope is needed to examine them.

A run-on sentence is two or more sentences incorrectly written as one sentence. To correct a run-on sentence, divide it into separate sentences or add the necessary words or punctuation to form one complete sentence.

Run-on: The movie was long I got restless.

Corrected: The movie was long. I got restless.

Corrected: The movie was long, and I got restless.

▶ Exercise 1 Write S in the blank before each simple sentence, C before each compound sentence, and R before each run-on sentence.

______ The directions are simple and straight-forward.

1. Florida and Georgia are the only southern states I've visited, but I've been in every state in New England.

___ 2. Skating and skiing are Aaron's favorite cold weather sports.

____ 3. Turn right at the stop sign go left at the next corner.

4. Six inches of snow are predicted, I'd better find my boots.

_____ 5. Both Kuma and Angie enjoy hiking and backpacking.

_____ **6.** Try it, you'll like it.

_____ 7. Liam had a solo in last year's concert; he hopes to have one this year, too.

Name

0	Night plays both the chose and the pione and plays them your well
	Niabi plays both the oboe and the piano and plays them very well.
_ 9.	George and Helene can't agree on a country for their report, but they want to choose one in Eastern Europe.
 _ 10.	Lately, all of my clothes seem too small.
 _ 11.	The meal ended with carrot cake and tea.
 _ 12.	Why do I have to clean my room and the bathroom?
 13.	I have too many clothes, my closet is stuffed.
 _ 14.	We went to the reptile house, and later we saw the pachyderms.
 _ 15.	I always agree with Marta, and Marta always agrees with me.
 _ 16.	The shelves are filled with books, but I can't find one I want.
 ₋ 17.	Tia can't come she has to baby-sit.
 _ 18.	Conserve resources, use them wisely.
 _ 19.	Please be kind to Amy; she needs a friend right now.
 _ 20.	Should I take the bus to school, or should I walk?
 _ 21.	Rain forced cancellation of the game, it is rescheduled for next week.
 _ 22.	Beth and Ricardo need a ride to the pep rally tomorrow.
 _ 23.	The storm blew down a tree on our street, but there was no other damage.
 _ 24.	We have a new system for recycling at home.
 25.	Don't use a stapler, use paper clips.
 _ 26.	Look for Jeff and Dominic in the crowd.
 27.	Yoko's aunt lives in California, and her uncle lives in Arizona.
 _ 28.	A canoe is not as stable as a rowboat, be careful not to tip it.
 _ 29.	Terry has just moved here, and she doesn't know very many people.

30. The accident ruined the car, fortunately no one was seriously injured.

Class

Date

May 4, 2020

Coronavirus Lockdowns Clear the Air

How is the coronavirus outbreak impacting the environment?

Create Your Blast

How is the coronavirus outbreak impacting the environment? Remember to use RACE. Restate the question, answer the question, cite your evidence and explain. (This must be 3 paragraphs with 9-12 words in a sentence.)

Answer the StudySync QuikPoll



What do you think will be the most positive outcome of our global response to the coronavirus outbreak?

- Reduced pollution levels
- Learning how to respond better to future pandemics
- Re-evaluating work-from-home and online learning policies
- ☐ More time spent at home learning new hobbies or skills
- More time spent with loved ones and pets

Number Crunch

15,000

Reduced traffic due to shelter-in-place restrictions resulted in approximately 15,000 fewer traffic collisions in March 2020.

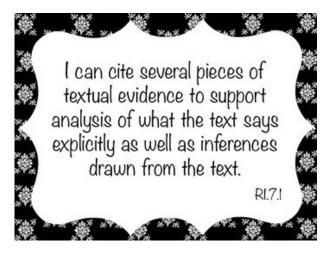
StudySync Blast Info



Background

- 1 StudySync adapted the following article from Reuters, a global news website. It was originally published under the headline "Coronavirus lockdowns give Europe's cities cleaner air."
- 2 BRUSSELS (Reuters) -On March 30, 2020, new satellite images showed that air pollution has decreased in urban areas across Europe during lockdowns to combat the coronavirus. But campaigners warned people living in cities were still more vulnerable to the epidemic.
- 3 The Sentinel-5 satellite images captured cities including Brussels, Paris, Madrid, Milan and Frankfurt. These cities showed a reduction in average levels of noxious nitrogen dioxide between March 5 and 25, compared with the same period in 2019.
- 4 That coincides with lockdowns in many European countries which have reduced road transport and slowed output at gas-emitting factories. Road transport is the largest source of nitrogen oxides.
- 5 The new images were released by the European Space Agency (ESA) and analyzed by the non-profit European Public Health Alliance (EPHA). The images show the changing density of nitrogen dioxide like heat maps. Nitrogen dioxide can cause respiratory problems and cancer.
- 6 Daily weather events can influence atmospheric pollution. So, the satellite pictures took a 20-day average and excluded readings where cloud cover reduced the quality of the data.
- 7 Data from the European Environment Agency (EEA) showed a similar trend between March 16 and 22. In Madrid, average nitrogen dioxide levels decreased by 56 percent week-on-week after the Spanish government banned non-essential travel on March 14.
- 8 The EPHA said people living in polluted cities may be more at risk from COVID-19, because prolonged exposure to bad air can weaken the immune system. This can make it harder to fight infection.
- 9 Zoltan Massay-Kosubek is the policy manager for clean air at EPHA. "That connection is very likely," Massay-Kosubek told Reuters. "But because the disease is new, it still has to be demonstrated."
- 10 Air pollution can cause or exacerbate lung cancer, pulmonary disease and strokes.
- 11 China also recorded a drop in nitrogen dioxide pollution in cities during February, when the government imposed severe lockdown measures to contain the raging epidemic.
- 12 In some regions of Poland, however, nitrogen dioxide levels remained relatively high during the period despite its lockdown. This is perhaps due to the popularity of coal-based heating.
- 13 Countries that went into lockdown later look set for a pollution reprieve in coming weeks, EPHA said. One example is Britain, which went into lockdown on March 23.

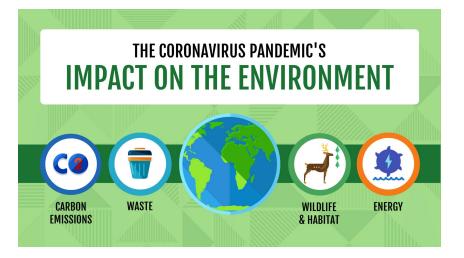
- 14 Air pollution causes around 400,000 premature deaths each year in Europe, EEA data show.
- 15 (Reporting by Kate Abnett in Brussels; Additional reporting by Agnieszka Barteczko in Warsaw; Editing by Andrew Cawthorne)
- 16 People across Europe are staying at home. They are stopping commutes and unnecessary travel to stop the spread of the coronavirus. As a result, researchers say that levels of dangerous nitrogen dioxide are dropping in the air of locked-down areas. What do you think? How is the coronavirus outbreak impacting the environment?





Write your 3 paragraphs on lined paper and attach it. Use RACE. If you have a printer, you may type it up and attach it. Don't forget to include proper heading with your full name, Core Class and the date.

How is the coronavirus outbreak impacting the environment? (Use RACE)



Name	Data	Class
Ivame	Date	Clubb

Rebuilding China's Empire (pages 253–256)

Main Idea The Sui and Tang dynasties reunited and rebuilt China after years of war.

After China's Han empire ended in A.D. 220, China had no central government for the next 300 years. It broke into 17 kingdoms. People were very poor, and fighting never stopped. Chinese warlords—military leaders who ran these kingdoms—fought each other. At the same time, nomads—groups of people who wander from place to place—took over parts of northern China.

While China was divided and weak, it lost control of some of the groups it had conquered. A group of people who lived on the Korean Peninsula decided to break away from Chinese control. Korea is northeast of China. The people of Korea built their own society and culture.

The Reunification of China China finally became one again in A.D. 581. Wendi, a general, made himself emperor. He won many battles and finally brought China back together. He founded a new line of rulers called the Sui.

After Wendi died, his son Yangdi took his place as emperor. Yangdi wanted to make China bigger. He sent an army to fight the Koreans. The Chinese were badly beaten. Yangdi also took on many large building projects. One <u>project</u> was rebuilding the Great Wall.

Yangdi's biggest job was building the Grand Canal. This waterway connected the Chang Jiang (Yangtze River) and Huang He (Yellow River). The Grand Canal was a major shipping route. It was used to ship products between northern and southern China. It helped make China's economy stronger. An **economy** is a system for producing, selling, and buying things.

Yangdi rebuilt China. But he also made life very hard for the Chinese people. He made farmers work on the

Academic Vocabulary

project: a planned task that has many steps (p. 254)

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Great Wall and the Grand Canal. The people also had to pay for these projects with high taxes. The farmers became so angry that they killed Yangdi and took control of the government. When Yangdi died, the Sui dynasty ended.

The Tang Dynasty In A.D. 618, one of Yangdi's generals made himself emperor. He took over China and set up a new dynasty called the Tang. This dynasty lasted much longer than the Sui. It was in power for about 300 years. The Tang capital of Chang'an was a very big and beautiful city. About one million people lived there.

Tang rulers made a number of **reforms**, or changes, to make China's government stronger. The most powerful Tang emperor was Taizong. He went back to using special tests for government officials. Government officials had to do well on these tests to get their jobs. Their family connections could not get them their jobs. Taizong also gave land to farmers and brought order to the countryside.

During the late A.D. 600s, a woman named Wu became the only woman in Chinese history to rule the country on her own. As a strong leader, Empress Wu made the government bigger. She also made the military stronger.

China grew strong again in Asia under the Tang. It also gained control of a larger area. Tang armies took control of the Silk Road in Tibet. They marched into Korea and forced the Korean kingdoms to pay tribute, or a tax, to China. The Tang also took control of northern Vietnam.

But in the mid-A.D. 700s, the Tang dynasty began to have problems. A new group of wandering people—the Turks you read about earlier—took control of central Asia and the Silk Road. China's economy became weak. Chinese farmers and people in Tibet also revolted. All of these events weakened the Tang. The dynasty ended in A.D. 907.

The Song Dynasty Military leaders ruled China for the next 50 years. Then a general named Song set himself up as emperor in A.D. 960.

The Song dynasty was in power from A.D. 960 to A.D. 1279. This was a time of great wealth and rich culture. However Song rulers did not have enough soldiers to control their large empire. Tibet broke away, and nomads took over land in northern China. The Song moved their capital south to the city of Hangzhou for safety.

7. What events led to the end of the Tang dynasty?

Buddhism Spreads to China (pages 256–257)

Main Idea Buddhism became popular in China and spread to Korea and Japan.

Traders and missionaries from India brought Buddhism to China in about A.D. 150. At the same time, the Han dynasty was very weak. A short time later, China broke apart. A civil war started. Many people suffered greatly. People died from the war, and from a lack of food and housing. Buddhism taught that people could escape their suffering. To seek peace and comfort, many Chinese became Buddhists.

Chinese Buddhism Early Tang rulers were not Buddhists. They did allow people to practice Buddhism in China. They also allowed people to build Buddhist temples. Many Chinese Buddhists became monks and nuns. They lived in places called monasteries. In these religious communities, they prayed and worshiped.

Buddhist temples and monasteries ran schools. They also provided rooms and food for travelers. Buddhist monks served as bankers and gave <u>medical</u> care.

Academic Vocabulary

seek: to look for (p. 256)

Academic Vocabulary

medical: help a doctor gives when one is sick (p. 257)

Some Chinese did not like Buddhism. Many thought it was wrong for the temples and monasteries to accept money. Others thought that monks and nuns did not encourage respect for families because they did not marry.

In the early A.D. 800s, people in the Tang government feared that Buddhism was gaining too much power. They saw Buddhism as an enemy of Chinese traditions. In A.D. 845, the Tang destroyed many Buddhist monasteries and temples. Buddhism in China was never the same.

Chinese Buddhism Spreads East You already read that Korea broke free from China when the Han dynasty fell. For hundreds of years after A.D. 220, Korea was divided into three separate kingdoms.

In the A.D. 300s, Chinese Buddhists brought their religion to Korea. In about A.D. 660, the Koreans came together to form one country. The new government supported Buddhism.

Buddhism grew even stronger in Korea and spread to the islands of Japan. According to an old story, one of Korea's kings wrote a letter to Japan's emperor. The letter included a statue of Buddha and Buddhist writings. "This religion is the most excellent of all teachings," the king wrote. Over time, Buddhism won many followers in Japan.

8. What events in China attracted many people to Buddhism?

Name	Date	Class
- TOTALIC	A CITY AND	

New Confucian Ideas (pages 258–259)

Main Idea The Tang dynasty returned to the ideas of Confucius and created a new class of scholar-officials.

You have already read about Confucius and his teachings. Confucius and his followers believed that a good government depended on wise leaders. The tests given for government jobs came from Confucian ideas. The tests were supposed to bring in skilled people for these jobs.

What Is Neo-Confucianism? The Tang dynasty wanted a new kind of Confucianism. They hoped this neo-Confucianism would make Buddhism less popular. It taught that life in this world was just as important as life in the next world. People were expected to take part in this life and help others.

While it criticized some Buddhist ideas, neo-Confucianism did use some Buddhist and Daoist ideas. For many Chinese, Confucianism became more than a list of rules for being good. It became a religion. Confucian thinkers taught that people who followed the teachings would find peace of mind and live at peace with nature.

The Song dynasty, which followed the Tang, also followed neo-Confucianism. It was the main philosophy or belief system for the Song.

Scholar-Officials Neo-Confucianism also helped to make the government stronger. Tang and Song rulers used tests to hire government workers. In the past, jobs had been given to people because of their wealth, family, or friends. Now they based their government system on what people could do.

People taking the tests had to show how much they knew about Confucian writings. To pass, they had to write with style and understanding. The tests were supposed to be fair, but only men could take the tests. Only rich people had enough money to help their sons study for the tests.

Name	Date	Class	
. ,,,,,,	Date	Class	

It was very hard to pass the tests. Parents did all they could to help their sons get ready. Beginning at four years old, boys were taught the characters of the Chinese language. Later, they had to memorize all of Confucius's writings. If a student did not do a good job saying the writings from memory, he might be hit by his teacher.

After many years of study, the boys took their tests. Even with all of their work, only one in five boys passed. Boys who failed got jobs helping officials or teaching. They could never get a government job. Through the years, this examination system helped create a new wealthy class in China.

9. Why were the tests such an important part of the government?

Name	Data	Class
Name	Date	Class

A Growing Economy (pages 261–262)

Main Idea The Tang dynasty strengthened China's economy by supporting farming and trade.

China's economy suffered when the Han dynasty ended in the A.D. 200s. When the fighting started, cities were ruined and farms were burned. People made fewer goods, and farmers grew fewer crops. Business people had less to trade. Under the Tang dynasty, these problems were solved.

Why Did Farming Improve? The Tang rulers took power in A.D. 618. They brought peace to the countryside and gave more land to farmers. This allowed farmers to improve ways of watering and growing crops. They also grew new kinds of rice that could grow well in poor soil. Farmers could grow more per acre. This rice grew faster and was healthier.

These changes helped farmers grow more and more rice. They also began to grow tea. They made improvements in other crops as well. With more food available, the number of people in China grew. At the same time, more people moved to the south. Rice could grow well in the Chang Jiang valley.

China's Trade Grows Tang rulers also built roads and waterways. Travel in and outside of China became easier. Merchants could increase trade with people in other parts of Asia. The Silk Road was under Tang control, and trade increased.

One of the things they traded was silk fabric. This popular product gave the road its name. China also traded tea, steel, paper, and porcelain. **Porcelain** is made of fine clay and baked at high temperatures. For these Chinese products, other countries traded gold, silver, precious stones, and fine woods.

Academic Vocabulary

available: easy to get (p. 261)

Other trade routes connected China with central Asia, India, and southwest Asia. The Tang also opened new ports on China's coast to help trade.

6. Why did the population in China grow during the Tang dynasty?

New Technology (pages 262–264)

Main Idea The Chinese developed new technologies, such as steelmaking and printing.

During the Tang and Song dynasties, people made new things that changed life in China. These discoveries would soon spread to other parts of the world.

China Discovers Coal and Steel Up until the Tang dynasty, people burned wood to keep their homes warm and to cook food. When it became hard for people to find wood, the Chinese discovered that coal could be used to heat things. Soon a coal-mining industry was born.

When the Chinese heated coal to make iron, the iron mixed with carbon from the coal. This made a new, stronger metal known today as steel.

The Chinese made steel armor, swords, and helmets for their army. They also made stoves, farm tools, drills, steel chain, steel nails, and sewing needles.

The Printing Process The Chinese also found a new method of printing books. Before this, people had to copy books by hand. This made books cost a lot. Few books were made. The Chinese began printing in the A.D. 600s. They cut the characters of an entire page onto blocks of wood. Then they put ink on the wood block. Next they placed paper on top to make a print. Cutting the block took a long time. But the wood blocks could be used again and again to make copies.

Academic Vocabulary

method: a procedure for doing something (p. 263)

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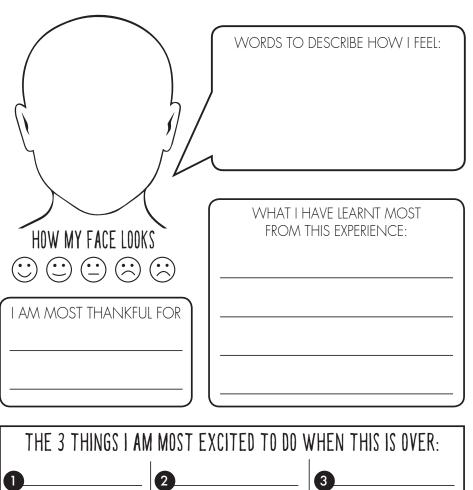
YOU ARE LIVING THROUGH HISTORY RIGHT NOW

TAKE A MOMENT TO FILL IN THESE PAGES FOR YOUR FUTURE SELF TO LOOK BACK ON. AND HERE ARE SOME OTHER IDEAS OF THINGS TO INCLUDE:

BACK CIT. AND THERE ARE COME CITIEN IDEAC CIT THINGS TO IT			
	SOME PHOTOS FROM THIS TIME A JOURNAL OF YOUR DAYS LOCAL NEWSPAPER PAGES OR CLIPPING	□ ANY ART WORK YOU CREATED□ FAMILY / PET PICTURES□ SPECIAL MEMORIES	

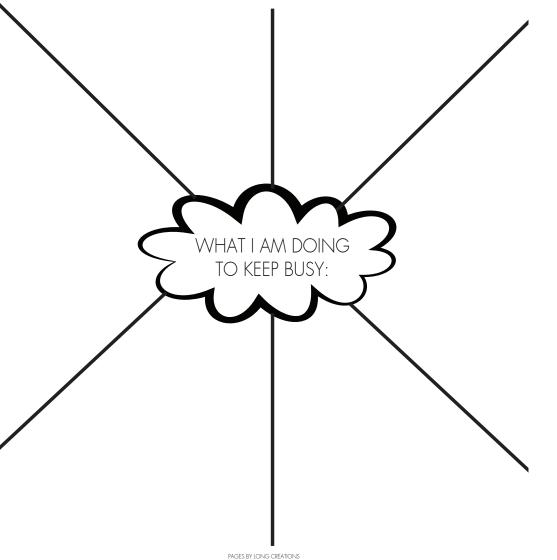
DRAW A PICTURE OF THE PEOPLE YOU ARE SOCIAL DISTANCING WITH HERE

HOW PM FEELING



PAGES BY LONG CREATIONS PAGES BY LONG CREATIONS

YOU ARE NOT STUCK AT HOME. YOU ARE SAFE AT HOME!



SPEGIAL OGGASIONS

WHAT OCCASIONS DID YOU CELEBRATE DURING THIS TIME? WRITE THE LIST DOWN HERE AND WHAT YOU DID TO CELEBRATE (E.G. ST. PATRICK'S DAY, EASTER, BIRTHDAYS, ANNIVERSARIES)

EVENT	DATE	HOW YOU CELEBRATED

PAGES BY LONG CREATIONS

Practice and Problem Solving: A/B

Show the addition on the number line. Find the sum.

Find each sum.

$$3. -4+9$$

$$4.7 + (-8)$$

5.
$$-2 + 1$$

4.
$$7 + (-8)$$
 5. $-2 + 1$ 6. $6 + (-9)$

7.
$$5 + (-7)$$

$$8.9 + (-5)$$

$$9. (-1) + 9$$

7.
$$5 + (-7)$$
 8. $9 + (-5)$ 9. $(-1) + 9$ 10. $9 + (-7)$

11.
$$50 + (-7)$$

12.
$$27 + (-6)$$

13.
$$1 + (-30)$$

11.
$$50 + (-7)$$
 12. $27 + (-6)$ 13. $1 + (-30)$ 14. $15 + (-25)$

Solve.

- 15. The temperature outside dropped 13°F in 7 hours. The final temperature was -2°F. What was the starting temperature?
- 16. A football team gains 8 yards in one play, then loses 5 yards in the next. What is the team's total yardage for the two plays?
- 17. Matt is playing a game. He gains 7 points, loses 10 points, gains 2 points, and then loses 8 points. What is his final score?
- 18. A stock gained 2 points on Monday, lost 5 points on Tuesday, lost 1 point on Wednesday, gained 4 points on Thursday, and lost 6 points on Friday.
 - a. Was the net change for the week positive or negative?
 - b. How much was the gain or loss? _____

Adding Integers with Different Signs

Practice and Problem Solving: C

Tell whether each sum will be positive or negative. Then find each sum.

1.
$$-3 + (-7)$$

2.
$$14 + (-9)$$

$$3. -12 + 5$$

$$4. -3 + 8$$

5.
$$11 + (-5)$$

$$6.7 + 8$$

$$7. -8 + 7$$

$$8. -2 + 3$$

9. If two integers have the same sign, what is the sign of their sum?

10. When adding two integers with different signs, how do you find the sign?

Evaluate a + b for the given values.

11.
$$a = 9$$
, $b = -24$

12.
$$a = -17$$
, $b = -7$ 13. $a = 32$, $b = -19$

13.
$$a = 32$$
, $b = -19$

14.
$$a = -15$$
, $b = -15$ 15. $a = -20$, $b = 20$

15.
$$a = -20$$
, $b = 20$

16.
$$a = -30$$
, $b = 12$

Solve.

17. The high temperature for the day dropped 7°F between Monday and Tuesday, rose 9°F on Wednesday, dropped 2°F on Thursday, and dropped 5°F on Friday. What was the total change in the daily high temperature from Monday to Friday?

18. Karen deposited \$25 in the bank on Monday, \$50 on Wednesday and \$15 on Friday. On Saturday, she took out \$40. Karen's original balance was \$100. What is her balance now?

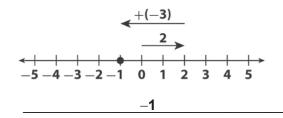
19. Lance and Rita were tied in a game. Then Lance got these scores: 19, -7, 3, -11, 5. Rita got these scores: 25, -9, 5, -9, 8. Who had the higher score? How much higher was that higher score?

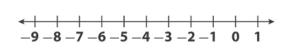
Practice and Problem Solving: D

Show the addition on the number line. Then write the sum. The first one is done for you.

1.
$$2 + (-3)$$

$$2. -3 + (-4)$$





Find each sum. The first one is done for you.

$$3.4 + (-9)$$

$$4.7 + (-8)$$

-5

$$6.5 + 7$$

7.
$$9 + (-5)$$

9.
$$2 + (-7)$$

11.
$$-15 + 9$$

Solve. The first one is done for you.

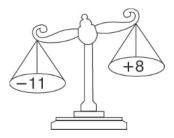
12. The temperature dropped 12°F in 8 hours. If the final temperature was -7° F, what was the starting temperature?

5°F

- 13. At 3 P.M., the temperature was 9°F. By 11 P.M., it had dropped 31°F. What was the temperature at 11 P.M.?
- 14. A submarine submerged at a depth of –40 feet dives 57 feet more. What is the new depth of the submarine?
- 15. An airplane cruising at 20,000 feet drops 2,500 feet in altitude. What is the airplane's new altitude?

Reteach

This balance scale "weighs" positive and negative numbers. Negative numbers go on the left of the balance, and positive numbers go on the right.



Find -11 + 8.

The scale will tip to the left side because the sum of -11 and +8 is negative.

$$-11 + 8 = -3$$



Find -2 + 7.

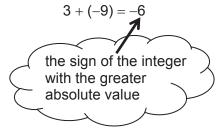
The scale will tip to the right side because the sum of -2 and +7 is positive.

$$-2 + 7 = 5$$

Find 3 + (-9).

1. Should you add or subtract 3 and 9? Why?

2. Is the sum positive or negative?



Find the sum.

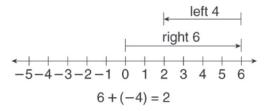
6.
$$-3 + (-1) =$$

9.
$$16 + (-7) =$$
 _____ 10. $-21 + 11 =$ ____ 11. $-12 + (-4) =$ _____

12. When adding 3 and -9, how do you know that the sum is negative?

Reading Strategies: Use Graphic Aids

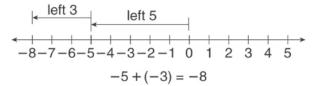
Randy's football team had the ball on its own zero yard line. On their first play they gained 6 yards. On the second play they lost 4 yards. On what yard line is the ball now?



Use the number line to help you answer the questions.

- 1. On which number do you begin?
- 2. In which direction do you move first? How many places do you move?
- 3. In which direction do you move next? How many places do you move?
- 4. At which number do you end up?

The temperature was zero degrees. Two hours later, the temperature went down 5 degrees. Then, the temperature went down another 3 degrees. What was the final temperature?



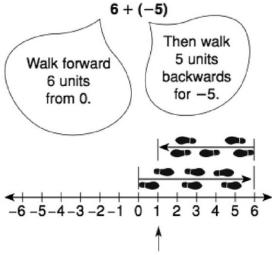
Use the number line to help you answer the questions.

- 5. On which number do you begin? _____
- 6. In which direction do you move first? How many spaces?
- 7. In which direction do you move next? How many spaces?
- 8. At which number do you end up? ____

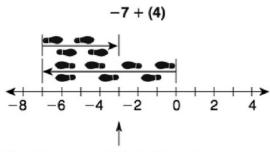
Adding Integers with Different Signs

Success for English Learners

Problem 1



Problem 2



You stop at −3. This is the sum.

You stop at 1. This is the sum.

- 1. The sum of x + y is to the left of x on a number line. Is y a positive number or a negative number?
- 2. Based on Problems 1 and 2, does the addition of integers always mean the sum is positive? Explain.
- 3. Is the sum of 3 + (-9) positive or negative?
- 4. Is the sum of 13 + (-11) positive or negative?

Subtracting Integers

Practice and Problem Solving: A/B

Show the subtraction on the number line. Find the difference.

Find the difference.

$$3. -6 - 4$$

$$4. -7 - (-12)$$

6.
$$5 - (-19)$$

10.
$$29 - (-13)$$

13.
$$22 - (-8)$$

Solve.

- 15. Monday's high temperature was 6°C. The low temperature was −3°C. What was the difference between the high and low temperatures?
- 16. The temperature in Minneapolis changed from −7°F at 6 A.M. to 7°F at noon. How much did the temperature increase?
- 17. Friday's high temperature was -1° C. The low temperature was -5° C. What was the difference between the high and low temperatures?
- 18. The temperature changed from 5°C at 6 P.M. to −2°C at midnight. How much did the temperature decrease?
- 19. The daytime high temperature on the moon can reach 130°C. The nighttime low temperature can get as low as -110°C. What is the difference between the high and low temperature?

Subtracting Integers

Practice and Problem Solving: C

For each set of values find x - y. Answer the questions that follow.

1.
$$x = 14$$
, $y = -2$

2.
$$x = -11$$
, $y = 11$

3.
$$x = -8$$
, $y = -15$

4.
$$x = -9$$
, $y = -9$

5.
$$x = 9$$
, $y = -20$

6.
$$x = 0$$
, $y = -9$

7.
$$x = 9$$
, $y = 11$

8.
$$x = -1$$
, $y = -1$

9.
$$x = -5$$
, $y = 5$

10. If x and y are both positive, when is x - y negative?

11. If x and y are both negative, when is x - y positive?

Solve.

12. The temperature changed from 7°F at 6 P.M. to −5°F at midnight. What was the difference between the high and low temperatures? What was the average change in temperature per hour?

13. The lowest point in the Pacific Ocean is about –11,000 meters. The lowest point in the Atlantic Ocean is about -8,600 meters. Which ocean has the lower point? How much lower?

14. At 11,560 feet above sea level, Climax, Colorado, is the highest town in the United States. The lowest town is Calipatria, California, at 185 feet below sea level. Express both of these distances as integers and tell which is closer to sea level. How much closer to sea level is the town that is closer?

Use the table for 15-16.

Temperatures at a Ski Resort

Day	High	Low
Saturday	8°F	_3°F
Sunday	6°F	–2°F

15. On which day was the difference in temperature greater?

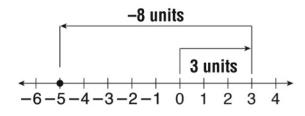
16. How much greater was the difference one day than the other?

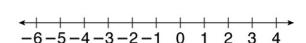
Subtracting Integers

Practice and Problem Solving: D

Show the subtraction on the number line. Then write the difference. The first one is done for you.







-5

Find each difference. The first one is done for you.

$$3. -3 - 4$$

6. -8 - 8

8.
$$-1 - (-2)$$

Solve. The first one is done for you.

12. The daytime temperature on the planet Mercury can reach 430°C. The nighttime temperature can drop to -180°C. What is the difference between these temperatures?

610°C

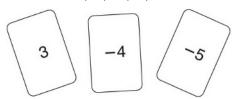
- 13. An ice cream company made a profit of \$24,000 in 2011. The same company had a loss of \$11,000 in 2012. What is the difference between the company's financial results for 2011 and 2012?
- 14. The high temperature on Saturday day was 6°F. The low temperature was -3°F. What was the difference between the high and low temperatures for the day?

Subtracting Integers

Reteach

The total value of the three cards shown is -6.

$$3 + (-4) + (-5) = -6$$



What if you take away the 3 card?

Cards -4 and -5 are left. The new value is -9.

$$-6 + -(3) = -9$$

What if you take away the -4 card?

Cards 3 and -5 are left. The new value is -2.

$$-6 - (-4) = -2$$

Answer each question.

- 13 7 -81. Suppose you have the cards shown. The total value of the cards is 12.
 - a. What if you take away the 7 card?
- 12 7 =
- b. What if you take away the 13 card?
- 12 13 = _____
- c. What if you take away the -8 card? 12 (-8) =

- 2. Subtract -4 (-2).
 - a. -4 < -2. Will the answer be positive or negative?
 - b. |4|-|2|=____
 - c. -4 (-2) =

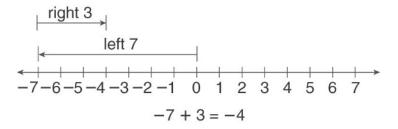
Find the difference.

Subtracting Integers

Reading Strategies: Use Graphic Aids

Brett borrowed \$7 from his father to buy a cap. He paid back \$3. How much money does Brett have now?

A number line can help you picture this situation.

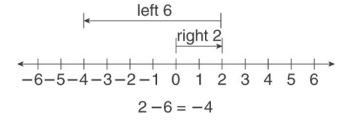


- Beginning at 0, in which direction will you move first?
- 2. How many places? _____
- 3. In which direction do you move next?
- 4. How many places? _____
- 5. On what number do you end?

Brett does not have any more money. He owes his dad \$4. He has negative \$4.

Sally and her friends made up a game with points. You can either win or lose up to ten points on each round of the game. After the first round, Sally's team had 2 points. In the second round, they lost 6 points. By how many points was Sally's team down after the second round?

The number line will help you picture the problem.



- 6. Beginning at 0, in which direction will you move first? How many places?
- 7. Which direction will you move next? How many places?
- 8. On what number do you end? _____

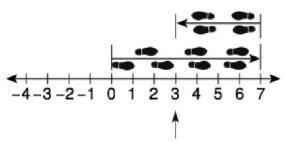
Subtracting Integers

Success for English Learners

Problem 1

What is the difference?

$$7 - 4$$

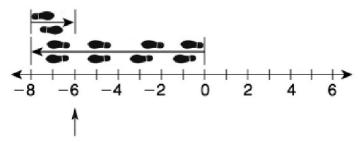


You stop at 3. This is the difference.

Problem 2

What is the difference?

$$-8 - (-2)$$



You stop at -6. This is the difference.

- 1. If x > 0 and x > y, is the difference x y positive or negative?
- 2. If x > 0 and y > x, is the difference x y positive or negative?

Rocks

A rock is made of two or more minerals. Rocks are named by how they are formed. There are three types of rocks. Igneous rocks are formed when volcanoes erupt and magma flows to the earth's surface. New rocks can also be made from weathering and erosion. Rain, wind, and running water cause rocks to break down a little bit at a time. These rock pieces fall to the bottom of the lake or oceans they run into. Over time the layers of sand and mud at the bottom of lakes and oceans turn into sedimentary rocks. Metamorphic rocks are rocks that have changed because of heat and pressure.

Rocks are constantly changing, because after they form, they wear down and then form again. This process is called the rock cycle. Rocks can be weathered by wind, water, and ice.

Rocks

Answer each question in a complete sentence. Underline or highlight where you located the answer in the text.

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Molly Phillips www.ClassroomConfections.com		

Fossils

Fossils are the remains of plants and animals. All fossils were formed at least 10,000 years ago. They can tell us many things about plants and animals from long ago.

Body fossils are the remains of a plant or animal's body.

For an animal to become a fossil, it would have been quickly buried after its death. Sediments would cover the remains.

The parts of the animals that didn't decay would be buried.

After a long time, the minerals would replace the bone.

Other small body fossils are found in amber, a hardened form of tree sap. Trace fossils are the remains of an animal, such as footprints and nests. An imprint is a mold of a leaf or other thin object.

A paleontologist is a scientist who studies fossils. They can use fossils to find how an animal looked and lived. They can build the skeletons of dinosaurs to show how large the animal was and how it moved. The skeletons can also tell us the types of food the animals ate.

Fossils

Answer each question in a complete sentence. Underline or highlight where you located the answer in the text. I. Who are fossils? 2. What are body fossils?_____ 3. What is amber? 4. Who is a paleontologist? _____ 5. In a paragraph, describe what we can learn from fossils.

