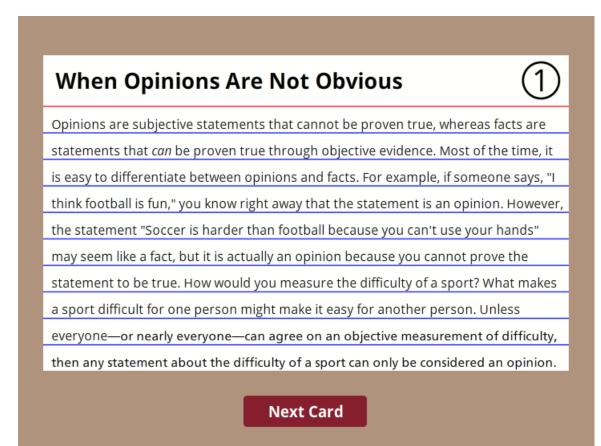
Folder 1: Information About Facts Versus Opinions



Drag and drop the magnifying glass over the note cards to learn more about the difference between fact and opinion.



When Opinions Are Not Obvious



Opinions are subjective statements that cannot be proven true, whereas facts are statements that *can* be proven true through objective evidence. Most of the time, it is easy to differentiate between opinions and facts. For example, if someone says, "I think football is fun," you know right away that the statement is an opinion. However, the statement "Soccer is harder than football because you can't use your hands" may seem like a fact, but it is actually an opinion because you cannot prove the statement to be true. How would you measure the difficulty of a sport? What makes a sport difficult for one person might make it easy for another person. Unless everyone—or nearly everyone—can agree on an objective measurement of difficulty, then any statement about the difficulty of a sport can only be considered an opinion.



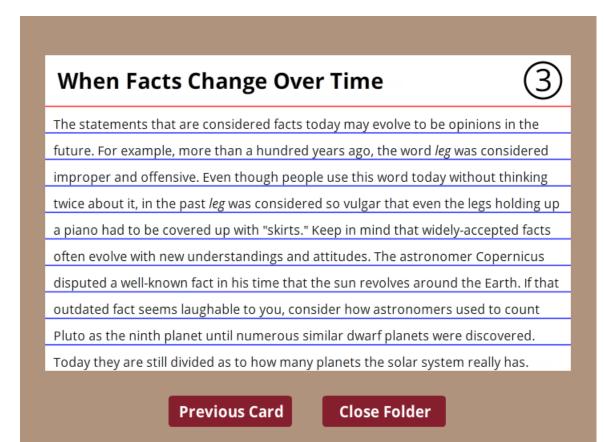
When Facts Are Subjective

Sometimes facts can actua	llv be subiective. e	specially when the	v are based on
understandings that vary a			•
United States, young schoo			· ·
planet Earth. In other coun		-	
continents, and yet others			
number of continents depe			
continent. Click the thumbr	nail to view an inte	eractive map that il	lustrates different
ways that people count the	number of conti	nents.	
everyone-ornearly everyo	necan agree or		
then any statement about 1	he difficulty of as		

Sometimes facts can actually be subjective, especially when they are based on understandings that vary among different groups of people. For example, in the United States, young school children are taught there are seven continents on planet Earth. In other countries, school children are taught that there are four continents, and yet others are taught that there are five or six continents. The number of continents depends on how one subjectively defines a land mass as a continent. Click the thumbnail to view an interactive map that illustrates different ways that people count the number of continents.



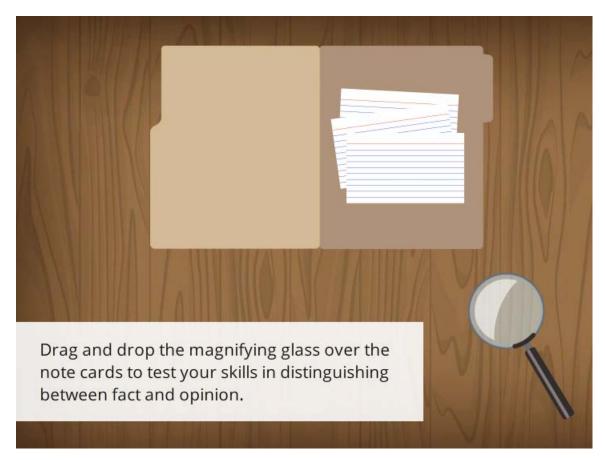
When Facts Change Over Time



The statements that are considered facts today may evolve to be opinions in the future. For example, more than a hundred years ago, the word *leg* was considered improper and offensive. Even though people use this word today without thinking twice about it, in the past *leg* was considered so vulgar that even the legs holding up a piano had to be covered up with "skirts." Keep in mind that widely-accepted facts often evolve with new understandings and attitudes. The astronomer Copernicus disputed a well-known fact in his time that the sun revolves around the Earth. If that outdated fact seems laughable to you, consider how astronomers used to count Pluto as the ninth planet until numerous similar dwarf planets were discovered. Today they are still divided as to how many planets the solar system really has.







Drag and drop the magnifying glass over the note cards to test your skills in distinguishing between fact and opinion.



Instructions

Fact or Opinion?
How well you can you distinguish between facts and opinions? Take a moment to
test your skills. For each of the following six note cards, read the statement and
select Fact if it is a fact or Opinion if it is an opinion. For the purpose of this
interactivity, assume that all the statements are true. In other words, you will not se
any false facts, such as "horses have eight limbs." However, consider whether the
statements have general consensus and can be measured objectively (facts) or
resemble thesis statements that can be challenged (opinions).
Click NEXT to begin.
Next
IVEXL

How well you can you distinguish between facts and opinions? Take a moment to test your skills. For each of the following six note cards, read the statement and select *Fact* if it is a fact or *Opinion* if it is an opinion. For the purpose of this interactivity, assume that all the statements are true. In other words, you will not see any false facts, such as "horses have eight limbs." However, consider whether the statements have general consensus and can be measured objectively (facts) or resemble thesis statements that can be challenged (opinions).

Click **NEXT** to begin.



Statement 1

Fact or Opinion?
Is the following statement a fact or opinion? Select your answer below, and then clic
<i>SUBMIT</i> to check your response.
Thomas Jefferson was America's greatest president.
the statement to occer is harder than football because you can buse your monds.
may seem like a fact, but it is actually an opinion because you cannot prove the
istatement to be true. How would you measure the difficulty of a sport? What makes
a sport difficult for one person might make it easy for another person. Unless
everyone—or nearly everyone—can agree on an objective measurement of difficulty.
Fact Opinion
Fact Opinion

Is the following statement a fact or opinion? Select your answer below, and then click *SUBMIT* to check your response.

Thomas Jefferson was America's greatest president.



Statement 2

Fact or Opinion?	(2)
Is the following statement a fact or opinion? Select your answer below, an	nd then clic
SUBMIT to check your response.	the time, it
Oranges taste better than lemons.	
may seem like a fact out it is actually an opinion because you cannot pro	vethe
statement to be true. How would you measure the difficulty of a sport? A	hat makes
a sport difficult for one person might make it easy for another person the	<u>niess</u> Gelifficulty
then any statement about the difficulty of a sport can only be considered a	in opinion.
Fact Opinion	

Is the following statement a fact or opinion? Select your answer below, and then click *SUBMIT* to check your response.

Oranges taste better than lemons.



Statement 3

Fact or Opinion?	(3)
Is the following statement a fact or opinion? Select your answer belo	w, and then clic
SUBMIT to check your response.	st of the time. It
A triangle has three sides.	omeone says. "I pinion: Howeve
the statement Soccer is harder than football because you can't use	vounhands
	nti what makes
a sport difficult for one person might make it easy for another perso	n. Unless
evenuene on early even one-can agree on an objective measurem	ent of difficulty.
Fact Opinion	

Is the following statement a fact or opinion? Select your answer below, and then click *SUBMIT* to check your response.

A triangle has three sides.



Statement 4

Fact or Opinion? (4
Is the following statement a fact or opinion? Select your answer below, and then cli
SUBMIT to check your response.
is easy to differentiate between opinions and facts. For example, if someone says, 7
Lemons have a sour flavor.
the statement "Soccers harder than football because you can't use you chands".
may seem like a fact, but it is actually an opinion because you cannot prove the
statement to be true. How would you measure the difficulty of a sport? What make
a sport difficult for one person might make it easy for another person. Unless
assenvenne —se e near ly everyon e—se namere on an elemente entre measurement of all fileuits
Fact Opinion

Is the following statement a fact or opinion? Select your answer below, and then click *SUBMIT* to check your response.

Lemons have a sour flavor.



Statement 5

	_
Fact or Opinion?	(5)
Is the following statement a fact or opinion? Select your answer below, a	nd then click
SUBMIT to check your response.	f the time. It
Chocolate is toxic to dogs.	one says, "l on: However,
	nhands
may seem like a fact, but it is actually an opinion because you cannot po	overthe
statement to be true. How would you measure the difficulty of a sport???	Mhat makes
e a sport difficult fon one person imprit make it easy for another person it.	
then any statement about the difficulty of a sport can only be considered	anopinion
Fact Opinion	

Is the following statement a fact or opinion? Select your answer below, and then click *SUBMIT* to check your response.

Chocolate is toxic to dogs.



Statement 6

Fact or Opinion?	6
Is the following statement a fact or opinion? Select your answer below, a	and then click
SUBMIT to check your response.	f the time, it
is easy to differentiate between opinions and facts. For example, if some	sone saks. "I
"Irregardless" is not a real word.	lon. However,
	un nanco
statement to be true. How would you measure the difficulty of a sport?	what makes
a sport difficult for one person might make it easy for another personal	Jniess
everyone—or nearly everyone—can agree on an objective measurement	ofdifficulto
Fact Opinion	

Is the following statement a fact or opinion? Select your answer below, and then click *SUBMIT* to check your response.

"Irregardless" is not a real word.



Answer Key

1. Thomas Jefferson was America's greatest president.	Opinion This is an opinion because while most people agree Jefferson was a great president, many can argue that other presidents have been better.
2. Oranges taste better than lemons.	Opinion This is an opinion because some people can argue that lemons actually taste better. The statement is subjective and cannot be measured objectively.
3. A triangle has three sides.	Fact This is an indisputable fact based on the definition of a triangle.
4. Lemons have a sour flavor.	Fact This is a fact because it can be measured objectively by identifying the molecules in a lemon that trigger a sour taste on human taste buds.
5. Chocolate is toxic to dogs.	Fact This is a fact because it can be shown scientifically the toxic effects that chocolate has on a dog's body, even though some dogs may not show immediate symptoms.
6. "Irregardless" is not a real word.	Opinion This is an opinion because it can be challenged with objective evidence. It may not be proper usage, but you can locate its entry in dictionaries or cite usage of the word dating back several decades.

