

Question ID e665b64f

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: e665b64f

Recordings of Female
Bottlenose Dolphins with
Their Calves

Dolphin ID	Recording year
FB07	2012
FB25	1989
FB43	1992
FB79	2018

In a study of bottlenose dolphins, biologist Laela S. Sayigh and a team of researchers analyzed recordings of female bottlenose dolphins interacting with their calves.

According to the table, in which year was the dolphin with the ID FB43 recorded with her calf?

- A. 1999
- B. 2012
- C. 2020
- D. 1992

ID: e665b64f Answer

Correct Answer: D

Rationale

Choice D is the best answer because it accurately reflects the data in the table. According to the table, the dolphin with ID FB43 has a recording year of 1992.

Choice A is incorrect. None of the dolphins in the table have a recording year of 1999. Choice B is incorrect. The table shows 2012 as the recording year for the dolphin with ID FB07, not ID FB43. Choice C is incorrect. None of the dolphins in the table have a recording year of 2020.

Question Difficulty: Easy

Question ID 6076b696

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: 6076b696

Total Areas and 2022 Populations of Smallest Arabian Peninsula Countries

Country	Total area (square miles)	Population
Kuwait	6,880	4,268,873
Bahrain	304	1,472,233
Qatar	4,471	2,695,122

In terms of area and population, the three smallest Arabian Peninsula countries are Bahrain, Qatar, and Kuwait.

According to the table, what is the total area of Bahrain?

- A. 4,268,873 square miles
- B. 4,471 square miles
- C. 304 square miles
- D. 6,880 square miles

ID: 6076b696 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it states the total area of Bahrain that is indicated in the table. The table presents the total area (in square miles) and population for Bahrain, Qatar, and Kuwait, and it indicates that the total area of Bahrain is 304 square miles.

Choice A is incorrect because the table indicates that 4,268,873 is the population of Kuwait, not the total area of Bahrain. Choice B is incorrect because the table indicates that 4,471 square miles is the total area of Qatar, not of Bahrain. Choice D is incorrect because the table indicates that 6,880 square miles is the total area of Kuwait, not of Bahrain.

Question Difficulty: Easy

Question ID 2f61ead8

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: 2f61ead8

Percent of Residents of City Areas in Favor of Adding More Bike Paths

City Area	Percent of area’s residents in favor of adding more bike paths
North East	12%
North Central	26%
North West	46%
South West	88%
South Central	33%

A city’s Parks and Recreation department is interested in providing residents with more opportunities for bicycling in their neighborhoods. They’re considering adding more bike paths and conducted a survey to understand where demand for more bike paths is highest. The survey indicated the highest level of demand, with 88 percent of the residents interested in adding more bike paths, is in the city’s _____

Which choice most effectively uses data from the table to complete the statement?

- A. South West area.
- B. South Central area.
- C. North East area.
- D. North Central area.

ID: 2f61ead8 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively uses data from the table to complete the statement about the bike path survey. The table lists five city areas and the percent of residents in each area who are in favor of adding more bike paths. The text ends with the statement that the highest level of demand was in the area with 88% of the residents saying they wanted more bike paths, and the table shows that the South West area is the one where 88% of residents gave that response.

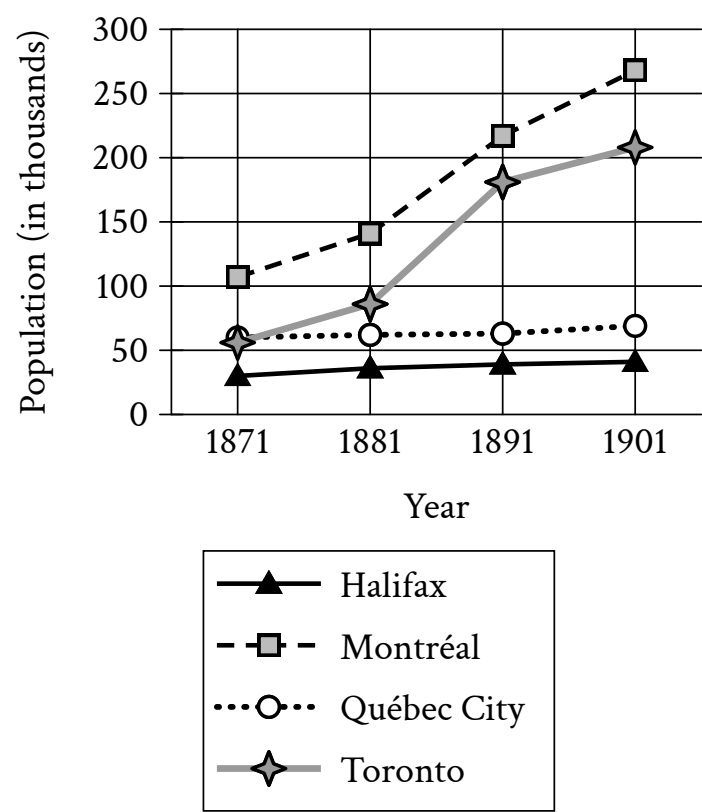
Choice B is incorrect because the table shows that 33%, not 88%, of residents in the South Central area were in favor of more bike paths. Choice C is incorrect because the table shows that 12%, not 88%, of residents in the North East area were in favor of more bike paths. Choice D is incorrect because the table shows that 26%, not 88%, of residents in the North Central area were in favor of more bike paths.

Question ID e6708203

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: e6708203

Census Data for Four Canadian Cities,
1871–1901



The first national census in Canada was conducted in 1871. The graph shows the population sizes of some of the largest Canadian cities from each of the first four national censuses, which occurred every ten years.

According to the graph, which city had the largest population in 1891?

- A. Toronto
- B. Montréal
- C. Québec City
- D. Halifax

ID: e6708203 Answer

Correct Answer: B

Rationale

Choice B is the best answer because the graph shows that Montréal had the largest population in 1891 among the four cities represented. According to the data points in the graph for the year 1891, Montréal's population was approximately 220,000, which is greater than the respective populations of Toronto (approximately 180,000), Québec City (approximately 60,000), and Halifax (approximately 40,000).

Choice A is incorrect because Toronto's population in 1891 was approximately 180,000, which is the second largest among the four cities shown but still clearly smaller than Montréal's population of approximately 220,000. Choice C is incorrect because Québec City had a population of approximately 60,000 in 1891, making it only the third largest of the four cities shown. Choice D is incorrect because Halifax had a population of approximately 40,000 people in 1891. Of the four cities shown in the graph, Halifax has the smallest population, not the largest.

Question Difficulty: Easy

Question ID fa96f367

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: fa96f367

Pyramids in Egypt and the Americas

Pyramid	Country	Height (meters)	Age (years before present)
The Great Pyramid	Mexico	33	2,050 to 2,400
The Pyramid of Djoser	Egypt	60	4,600 to 4,700
The Pyramid of Sahure	Egypt	47	4,400 to 4,500
El Castillo	Belize	40	1,100 to 1,400

A student is writing an essay about four pyramids for a history class and wants to note how long ago each pyramid was built and how tall each pyramid is. Consulting the table, the student finds that el Castillo was built 1,100 to 1,400 years ago and is _____

Which choice most effectively uses data from the table to complete the text?

- A. 33 meters tall.
- B. 47 meters tall.
- C. 40 meters tall.
- D. 60 meters tall.

ID: fa96f367 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively uses data from the table to complete the text about the el Castillo pyramid. The table presents information for the location, height, and age of four pyramids, and the task is to use the data from the table to complete the text by choosing the correct height for el Castillo, which the table shows is 40 meters.

Choice A is incorrect because, according to the table, el Castillo is 40 meters tall, not 33 meters, which is the height of the Great Pyramid in Mexico. Choice B is incorrect because, according to the table, el Castillo is 40 meters tall, not 47 meters, which is the height of the Pyramid of Sahure in Egypt. Choice D is incorrect because, according to the table, el Castillo is 40 meters tall, not 60 meters, which is the height of the Pyramid of Djoser in Egypt.

Question Difficulty: Easy

Question ID 05a49920

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: 05a49920

Total Areas of Five Pueblo Nations in New Mexico

Tribal nation	Area (square miles)
Pueblo de San Ildefonso	47.3
Santa Clara Pueblo	77.1
Taos Pueblo	156.2
Nambé Pueblo	32.4
Pueblo of Acoma	595.7

There are nineteen Pueblo tribal nations in New Mexico. A student in a geography class is a citizen of Taos Pueblo in the northern part of the state. The student wants to compare the total area covered by Taos Pueblo with the total areas of various other Pueblo nations in the state. Looking at the table, the student finds that the total area of Taos Pueblo is 156.2 square miles, while the total area of Nambé Pueblo is _____

Which choice most effectively uses data from the table to complete the comparison?

- A. 47.3 square miles.
- B. 77.1 square miles.
- C. 32.4 square miles.
- D. 595.7 square miles.

ID: 05a49920 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively uses data from the table to complete the comparison between Pueblo tribal nations. The student identifies that the total area of Taos Pueblo is 156.2 square miles and needs to complete the comparison with the total area of Nambé Pueblo. According to the table, Nambé Pueblo has a total area of 32.4 square miles.

Choice A is incorrect because according to the table, 47.3 square miles is the area of Pueblo de San Ildefonso, not of Nambé Pueblo. Choice B is incorrect because according to the table, 77.1 square miles is the area of Santa Clara Pueblo, not of Nambé Pueblo. Choice D is incorrect because according to the table, 595.7 square miles is the area of Pueblo of Acoma, not of Nambé Pueblo.

Question ID bb6c78e8

Assessment	Test	Domain	Skill	Difficulty
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ID: bb6c78e8

Depths at Which Four Deep-Sea Fish Species Live	
Species	Depth below the ocean surface
Footballfish	200–1,000 meters
Southern stoplight loosejaw	500–2,000 meters
Black seadevil	250–2,000 meters
Bollons’ rattail	300–800 meters

Some oceanic fish species live very deep underwater. Researchers collected data about the depths at which various species live.

Based on the information in the table, at what depth does the southern stoplight loosejaw live?

- A. More than 2,000 meters below the surface
- B. 150 to 400 meters below the surface
- C. 500 to 2,000 meters below the surface
- D. 250 to 500 meters below the surface

ID: bb6c78e8 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The table shows the depths below the ocean surface at which four species of deep-sea fish live. According to the table, the range of depths at which the southern stoplight loosejaw lives is 500–2,000 meters below the surface.

Choice A is incorrect because the table indicates that the southern stoplight loosejaw lives 500–2,000 meters below the ocean surface, not at depths more than 2,000 meters below the surface. Choice B is incorrect because the table indicates that the southern stoplight loosejaw lives 500–2,000 meters below the ocean surface, not 150–400 meters below the surface. Choice D is incorrect because the table indicates that the southern stoplight loosejaw lives 500–2,000 meters below the ocean surface, not 250–500 meters below the surface.

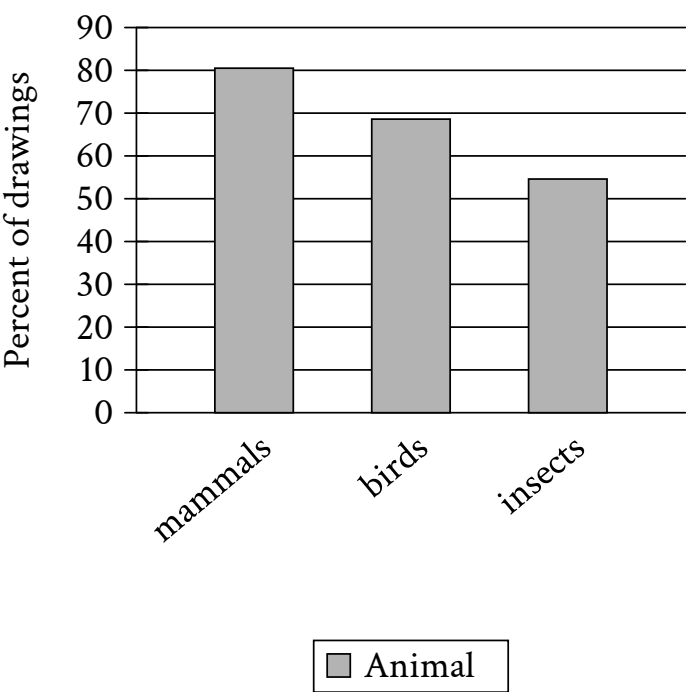
Question Difficulty: Easy

Question ID dbb8f932

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: dbb8f932

Percent of Drawings
Containing an Example of
Each Animal Group



Researchers Kate Howlett and Edgar Turner asked 401 schoolchildren in the United Kingdom to draw and label local wildlife. The researchers suggest that the children may be more aware of mammals than of other animals in their environments.

Which choice best describes data from the graph that support the researchers’ conclusion?

- A. There were about as many drawings with an example of an insect as there were with an example of a bird.
- B. The fewest number of drawings contained an example of a bird.
- C. More of the drawings had an example of an insect than an example of a mammal.
- D. More of the drawings had an example of a mammal than either an example of a bird or an example of an insect.

ID: dbb8f932 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it accurately describes data from the graph that support the researchers' conclusion that children may be more aware of mammals than of other animals. The graph presents the percent of drawings by schoolchildren that contained an example of an animal from a certain group (mammals, birds, or insects). The graph shows that approximately 80% of the drawings contained an example of a mammal, while only approximately 69% contained an example of a bird and only about 55% contained an example of an insect. The fact that mammals were included in more drawings than either birds or insects were supports the idea that children may be particularly aware of mammals in their environments.

Choice A is incorrect because the graph shows that there were not "about as many" drawings with insects as there were drawings with birds (approximately 69% of the drawings included an example of a bird, while only about 55% included an example of an insect). Further, comparing only the numbers for birds and insects wouldn't indicate anything about the schoolchildren's awareness of mammals. Choice B is incorrect because the graph shows that insects, not birds, were the group that appeared in the fewest number of drawings (approximately 69% of the drawings included an example of a bird but only about 55% included an example of an insect). Further, stating that examples from one nonmammal group appeared in the fewest number of drawings would provide no evidence about the schoolchildren's awareness of mammals. Choice C is incorrect because the graph shows that more drawings had an example of a mammal than an example of an insect, not the other way around (approximately 80% of the drawings included an example of a mammal, while only about 55% included an example of an insect). Further, examples of a nonmammal group appearing in more drawings than examples of mammals did would actually weaken the claim that schoolchildren may be more aware of mammals than of other animals.

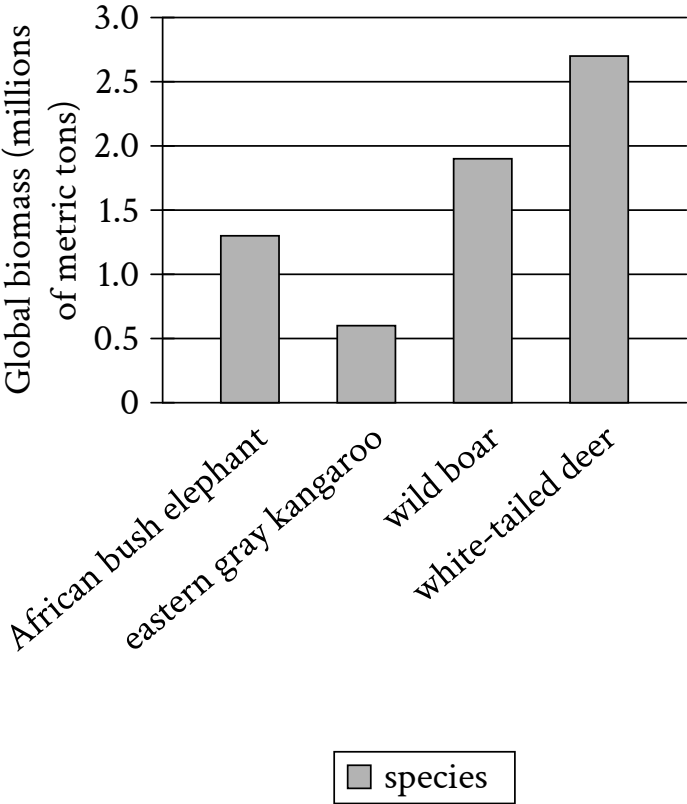
Question Difficulty: Easy

Question ID e87c9740

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: e87c9740

Top Four Species of Wild Land Mammals by Global Biomass



Global biomass is the total mass of living material, such as animals and plants, on Earth. A team of scientists estimated the global biomass, by species, of various wild land mammals. The team found that the species with the highest global biomass is the _____

Which choice most effectively uses data from the graph to complete the sentence?

- A. wild boar.
- B. eastern gray kangaroo.
- C. African bush elephant.
- D. white-tailed deer.

ID: e87c9740 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it accurately identifies the species with the highest global biomass, the white-tailed deer at approximately 2.7 million metric tons. The graph shows the global biomass for four wild land mammal species with the highest global biomass. The graph indicates that the African bush elephant's global biomass is about 1.3 million metric tons, the eastern gray kangaroo's is about 0.6 million metric tons, and the wild boar's is about 1.9 million metric tons. These values are all lower than the global biomass for the white-tailed deer's approximately 2.7 million metric tons. Thus, the white-tailed deer is the species with the highest global biomass.

Choice A is incorrect because although the graph indicates that the wild boar has a relatively high global biomass of about 1.9 million metric tons, it is not the species with the highest value. The white-tailed deer is the species with the highest global biomass at about 2.7 million metric tons. Choice B is incorrect because the eastern gray kangaroo has the lowest global biomass value shown on the graph at about 0.6 million metric tons, not the highest global biomass. The white-tailed deer has the highest at about 2.7 million metric tons. Choice C is incorrect because although the African bush elephant has a substantial global biomass of about 1.3 million metric tons, it is not the species with the highest value according to the graph. The white-tailed deer has the highest global biomass at about 2.7 million metric tons.

Question Difficulty: Easy

Question ID 0bdc5831

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: 0bdc5831

Housing Starts in the US,
January–April 2022 (in
thousands)

Month	Housing starts
January	1,669
February	1,771
March	1,713
April	1,803

When construction of a single-family house begins, it is called a housing start. In the first four months of 2022, the highest number of housing starts in the United States was in _____

Which choice most effectively uses data from the table to complete the statement?

- A. April.
- B. March.
- C. January.
- D. February.

ID: 0bdc5831 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it effectively uses data from the table to complete the statement, identifying the month in which the United States had the highest number of housing starts in 2022. According to the table, which shows the number of US housing starts from January to April 2022, the highest number of housing starts was 1,803 thousand, which occurred in April.

Choice B is incorrect because March had 1,713 thousand housing starts, which is lower than the number of starts in April and in February. Choice C is incorrect because January had 1,669 thousand housing starts, which is the lowest of all the months listed in the table. Choice D is incorrect because February had 1,771 thousand housing starts, which is lower than the number of starts in April.

Question Difficulty: Easy

Question ID 863e1557

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: 863e1557

Percentage of Bus Shelters with Shade in a County by Areas’ Highest Average Summer Surface Temperature

Highest average surface temperature (Fahrenheit)	Percentage of bus stops with shaded shelter
90.2°	15%
97.7°	22%
102.7°	24%
111.2°	28%
125.6°	29%

A student is researching a bus system in a large county where surface temperatures vary by area and are hot in the summer. The student claims that all areas of the county should have more bus stops with shaded shelter, noting that the highest percentage of bus stops with shaded shelter for any area is only _____

Which choice most effectively uses data from the table to complete the student’s claim?

- A. 50%.
- B. 15%.
- C. 90%.
- D. 29%.

ID: 863e1557 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it effectively uses data from the table to complete the student’s claim about the highest percentage of bus stops with shaded shelter in the areas represented. The table shows the highest average surface temperature of five areas and the percentage of bus stops with shaded shelter in each area, and 29% is the highest percentage listed.

Choice A is incorrect because the list of percentages of bus stops with shaded shelter does not include 50%; the highest percentage in the table is 29%. Choice B is incorrect because 15% is the lowest value in the listed percentages of bus stops with shaded shelter, not the highest value. Choice C is incorrect because the list of percentages of bus stops with shaded shelter does not include 90%; the highest percentage in the table is 29%.

Question Difficulty: Easy

Question ID c6a1de68

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: c6a1de68

Video Game Availability by Initial Release Years	
Initial release years	Percentage of games still available
1975–1979	0.89
1980–1984	3.65
1985–1989	15.38
1990–1994	19.33
1995–1999	14.22

In a recent study, researchers found that relatively few video games released over the decades remain available today. For example, only 14.22 percent of games are still available that were initially released in _____

Which choice most effectively uses data from the table to complete the statement?

- A. 2000–2004.
- B. 1995–1999.
- C. 1970–1974.
- D. 1985–1989.

ID: c6a1de68 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most effectively uses data from the table to complete the statement about video game availability. The text states that just a few games released in the past are available today and then indicates that there is a period of years from which only 14.22 percent of the games released are available. The table shows that 14.22 percent of games are still available from the years 1995–1999.

Choice A is incorrect because the years 2000–2004 are not represented in the table. Choice C is incorrect because the years 1970–1974 are not represented in the table. Choice D is incorrect because the years 1985–1989 correspond to a percentage of games still available of 15.38 percent, not 14.22 percent.

Question Difficulty: Easy

Question ID c9c04c34

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: c9c04c34

“Valia” is a 1907 short story by Leonid Andreyev. In the story, the author emphasizes that the setting where the character Valia is reading is nearly silent: _____

Which quotation from “Valia” most effectively illustrates the claim?

- A. “The hand in which he carried his book was getting stiff with cold, but he would not ask his mother to take the book from him.”
- B. “Valia was reading a huge, very huge book, almost half as large as himself.”
- C. “Valia approached the window and examined the toys.”
- D. “Everything in the room was quiet, so quiet that the only thing to be heard was the rustling of the pages he turned.”

ID: c9c04c34 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a quotation that illustrates the author’s emphasis on the near silence of the setting where the character Valia is reading. In the quotation, the author highlights the near silence of the setting by twice using the word “quiet” to describe the room. The author also calls attention to the fact that Valia is reading in a nearly silent setting by noting that the only sound to be heard is that of the pages being turned.

Choice A is incorrect because this quotation suggests that Valia is in a chilly setting that causes his hand to become cold, not that he’s in a nearly silent setting. Choice B is incorrect because this quotation emphasizes the size of the book Valia is reading, not the setting where he’s reading it. Choice C is incorrect because this quotation describes Valia approaching a window and looking at toys, not reading in a quiet setting.

Question Difficulty: Easy

Question ID c705f9fc

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: c705f9fc

Time Participants Spent Reading about Five London Museums

Museum Name	Ranking	Percentage of total time spent reading about museum by participants provided with ranking	Percentage of total time spent reading about museum by participants not provided with ranking
British Museum	1	36	18
National Gallery	2	21	20
Tate Modern	4	16	17
Victoria and Albert Museum	5	14	23
Natural History Museum	3	13	22

Researchers recently conducted an experiment to understand how we use rankings to make decisions. They created a fictitious travel website describing five museums in London. Then, they invited two groups of participants, who had never visited the museums, to review the site and select the museum they would be most likely to visit. Meanwhile, the researchers tracked the amount of time each participant spent reading about each museum. For one group, the website ranked each museum, titling the page “The Top 5 Museums in London.” For the other group, the museums and their descriptions were not ranked. The researchers concluded that when reviewing ranked lists, we tend to focus on the top-ranked option.

Which choice best describes data in the table that support the researchers’ conclusion?

- A. Participants who were not provided with a ranking of the museums spent roughly equal amounts of time reading about each museum.
- B. Participants who were provided with a ranking of the museums spent disproportionately more time reading about the British museum.
- C. Participants who were provided with a ranking of the museums spent the least amount of time reading about the Natural History Museum.
- D. Participants who were not provided with a ranking of the museums spent the most time reading about the Victoria and Albert Museum.

ID: c705f9fc Answer

Correct Answer: B

Rationale

Choice B is the best answer. By looking at the top-ranked option, we can see that people provided with ranked lists spent more time reading about the British Museum than reading about other museums (36% of the time versus 21% for the second-ranked option).

Choice A is incorrect. The claim is about people with ranked lists, and these data are about those with unranked lists. Choice C is incorrect. The claim is about people with ranked lists looking at the top-ranked option, and these data are about the third-ranked option. Choice D is incorrect. The claim is about people with ranked lists, and these data are about those with unranked lists.

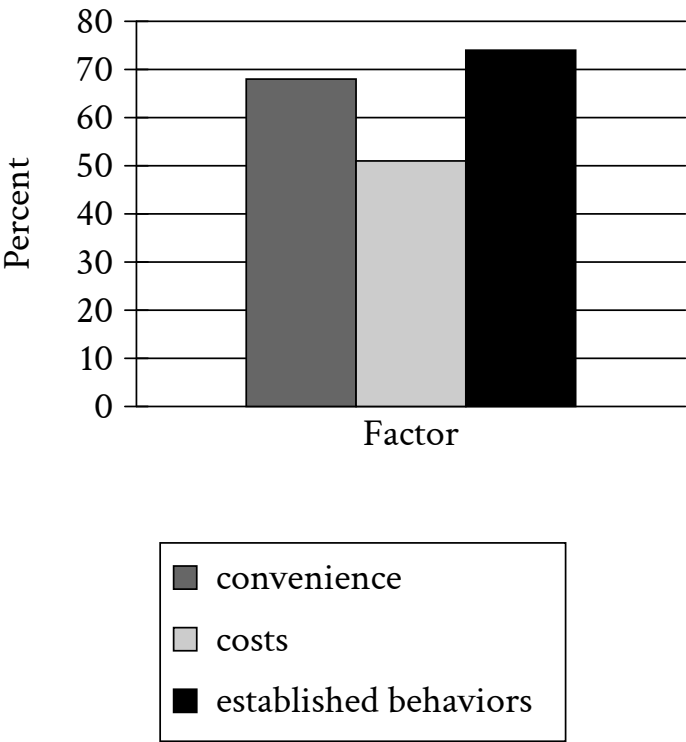
Question Difficulty: Easy

Question ID 720de076

Assessment	Test	Domain	Skill	Difficulty
PSAT 8/9	Reading and Writing	Information and Ideas	Command of Evidence	<div><div></div><div></div><div></div></div>

ID: 720de076

Percentage of Participants Who Mentioned Factors



Researcher Judith Hilton and her team interviewed 55 people about which factors would make them switch from using single-use plastic containers to reusable containers. The graph shows three of the factors mentioned in the interviews and the percentage of participants who mentioned them.

According to the graph, about what percentage of participants mentioned costs in the interviews?

- A. 10%
- B. 95%
- C. 25%
- D. 50%

ID: 720de076 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it states the percentage of participants who mentioned costs in the interviews conducted by Judith Hilton and her team. The text states that Hilton and her team interviewed participants about factors that would encourage them to switch from single-use plastic containers to reusable containers. The graph presents three factors mentioned in the interviews (convenience, costs, and established behaviors) and the percentage of participants who mentioned each one. The graph shows that about 50% of participants mentioned costs as a factor.

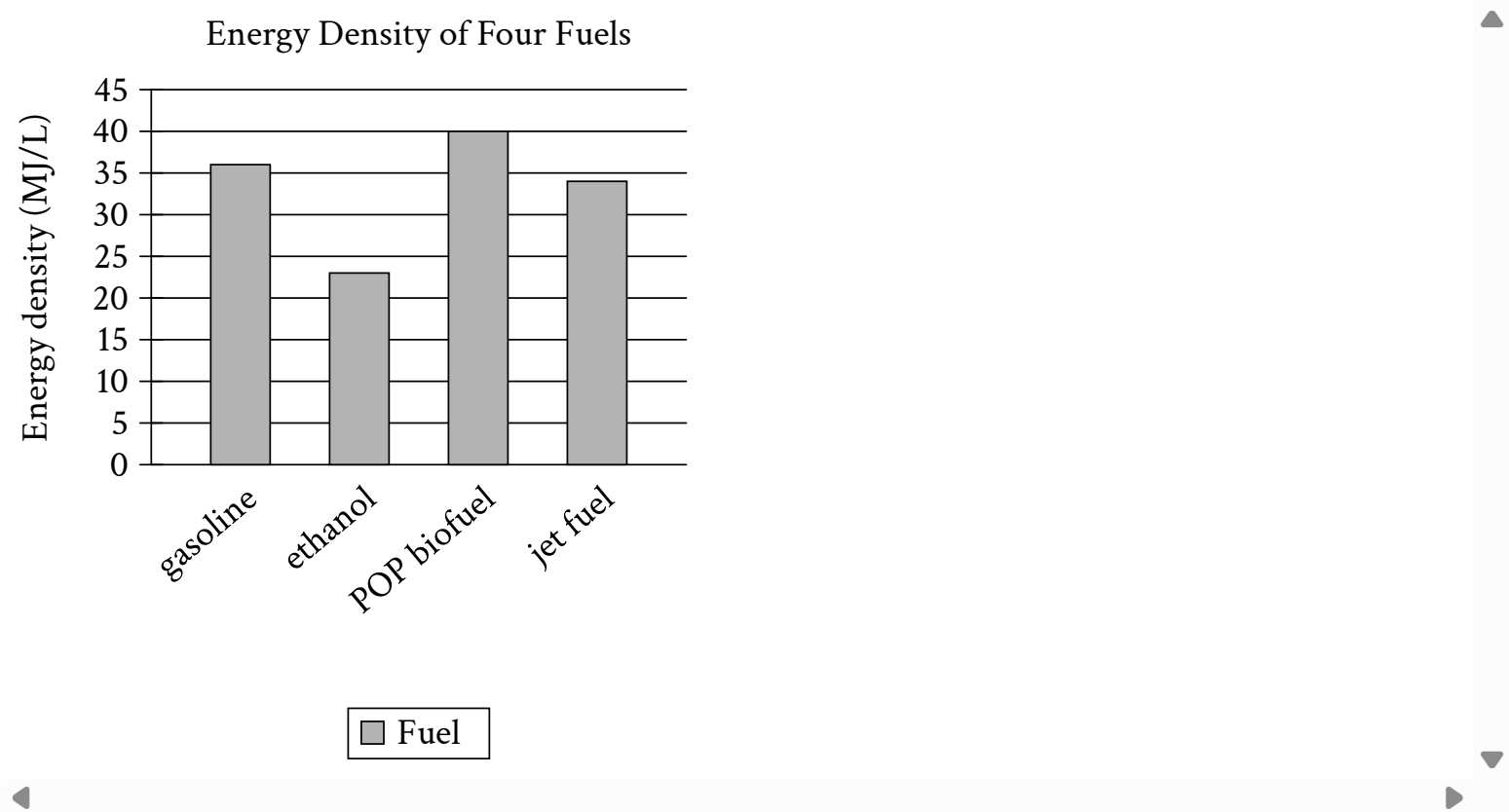
Choice A is incorrect because the graph shows that about 50% of participants, not 10%, mentioned costs as a factor. Choice B is incorrect because the graph shows that about 50% of participants, not 95%, mentioned costs as a factor. Choice C is incorrect because the graph shows that about 50% of participants, not 25%, mentioned costs as a factor.

Question Difficulty: Easy

Question ID 5ff8bb71

Assessment	Test	Domain	Skill	Difficulty
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ID: 5ff8bb71



A team of researchers used bacteria to create a biofuel (a renewable fuel produced from plants, algae, or other living materials). The team called the new fuel POP biofuel. To determine how much energy is stored in POP biofuel compared to other fuels, the team calculated the fuels’ energy density, in megajoules per liter (MJ/L). The team found that the fuel with the highest energy density is _____

Which choice most effectively uses data from the graph to complete the sentence?

- A. jet fuel.
- B. POP biofuel.
- C. ethanol.
- D. gasoline.

ID: 5ff8bb71 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most effectively uses data from the graph to complete the sentence about which fuel has the highest energy density. Of the four bars in the graph, the highest (indicating the greatest energy density in MJ/L) is for POP biofuel. According to the graph, the energy densities of the fuels shown are approximately 40 MJ/L for POP biofuel, 36 MJ/L for gasoline, 34 MJ/L for jet fuel, and 23 MJ/L for ethanol.

Choice A is incorrect. The task is to find the fuel in the graph with the highest bar (indicating the greatest energy density in MJ/L), and jet fuel has the third-highest bar in the graph, not the highest. According to the graph, the energy densities of the fuels shown are approximately 40 MJ/L for POP biofuel, 36 MJ/L for gasoline, 34 MJ/L for jet fuel, and 23 MJ/L for ethanol. Choice C is incorrect. The task is to find the fuel in the graph with the highest bar (indicating the greatest energy density in MJ/L), and ethanol has the lowest bar in the graph, not the highest. According to the graph, the energy densities of the fuels shown are approximately 40 MJ/L for POP biofuel, 36 MJ/L for gasoline, 34 MJ/L for jet fuel, and 23 MJ/L for ethanol. Choice D is incorrect. The task is to find the fuel in the graph with the highest bar (indicating the greatest energy density in MJ/L), and gasoline has the second-highest bar in the graph, not the highest. According to the graph, the energy densities of the fuels shown are approximately 40 MJ/L for POP biofuel, 36 MJ/L for gasoline, 34 MJ/L for jet fuel, and 23 MJ/L for ethanol.

Question Difficulty: Easy