

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

Question ID 6076b696

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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

Question ID 2f61ead8

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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?

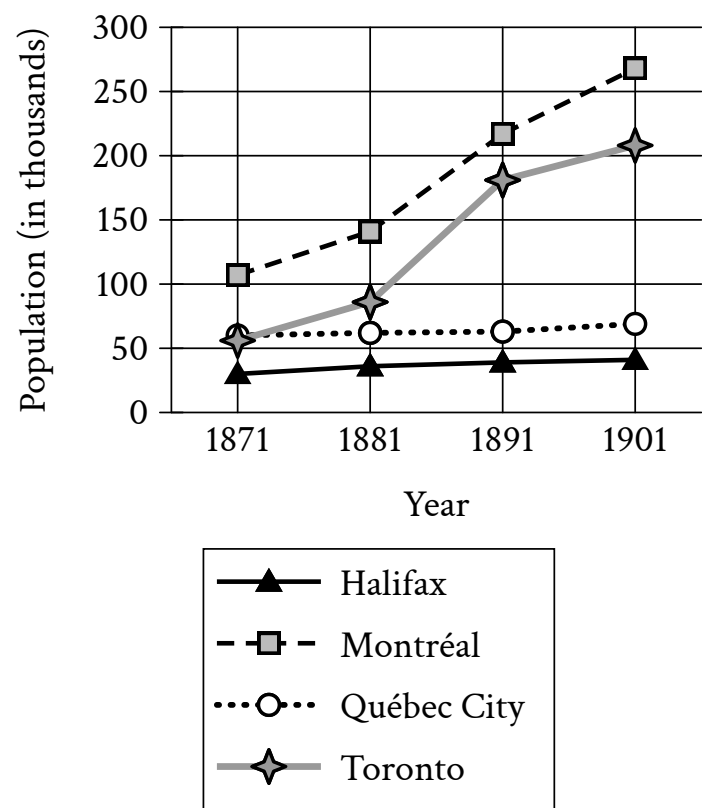
- A. South West area.
- B. South Central area.
- C. North East area.
- D. North Central area.

Question ID e6708203

Assessment	Test	Domain	Skill	Difficulty
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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

Question ID fa96f367

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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.

Question ID 05a49920

Assessment	Test	Domain	Skill	Difficulty
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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.

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?

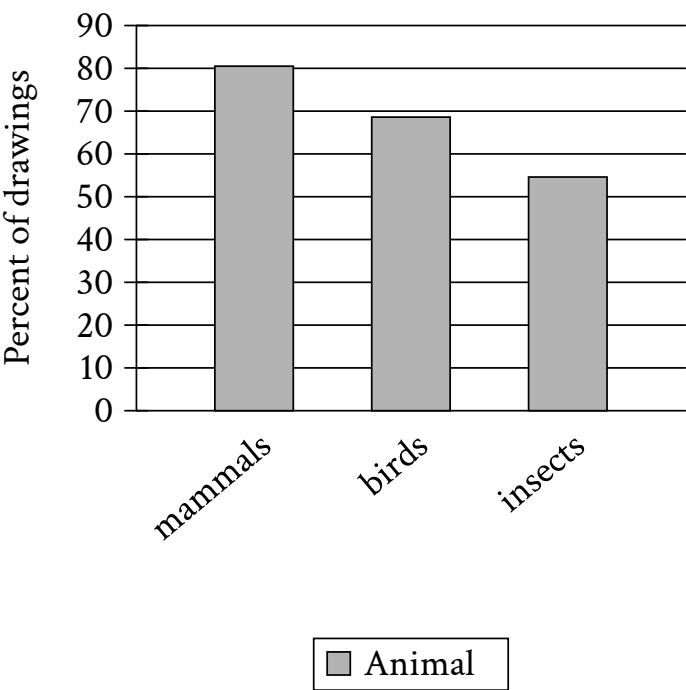
- A. More than 2,000 meters below the surface
- B. 150 to 400 meters below the surface
- C. 500 to 2,000 meters below the surface
- D. 250 to 500 meters below the surface

Question ID dbb8f932

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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?

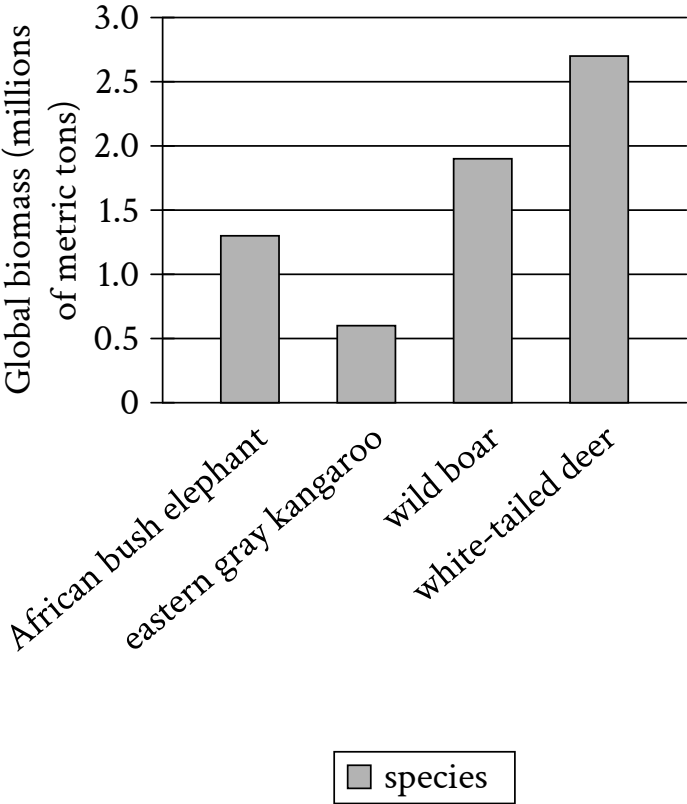
- A. There were about as many drawings with an example of an insect as there were with an example of a bird.
- B. The fewest number of drawings contained an example of a bird.
- C. More of the drawings had an example of an insect than an example of a mammal.
- D. More of the drawings had an example of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

Question ID e87c9740

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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.

Question ID 0bdc5831

Assessment	Test	Domain	Skill	Difficulty
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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.

Question ID 863e1557

Assessment	Test	Domain	Skill	Difficulty
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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%.

Question ID c6a1de68

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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.

Question ID c9c04c34

Assessment	Test	Domain	Skill	Difficulty
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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.”

Question ID c705f9fc

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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?

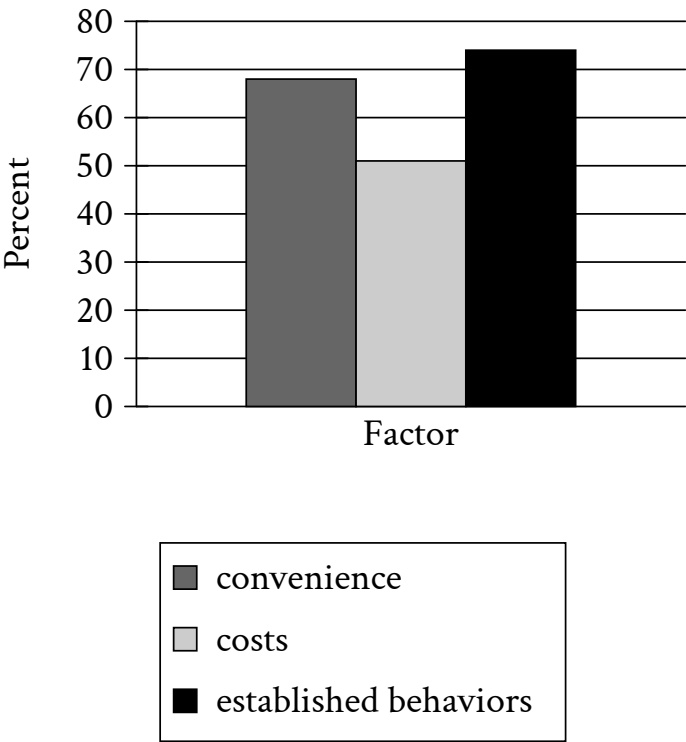
- A. Participants who were not provided with a ranking of the museums spent roughly equal amounts of time reading about each museum.
- B. Participants who were provided with a ranking of the museums spent disproportionately more time reading about the British museum.
- C. Participants who were provided 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.

Question ID 720de076

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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.

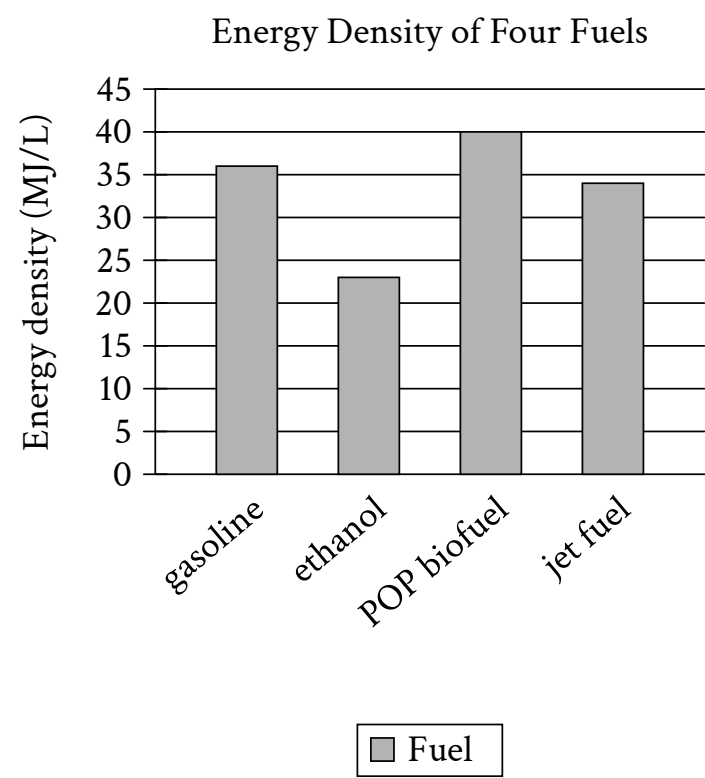
According to the graph, about what percentage of participants mentioned costs in the interviews?

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

Question ID 5ff8bb71

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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.