

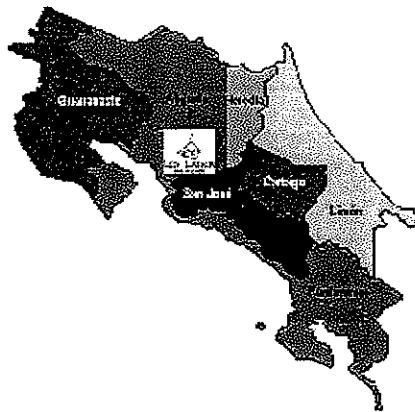
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BEFORE Contest Begins.



# Maps, Graphs, & Charts

## DISTRICT Contest

### Grades 6-8



# 2018

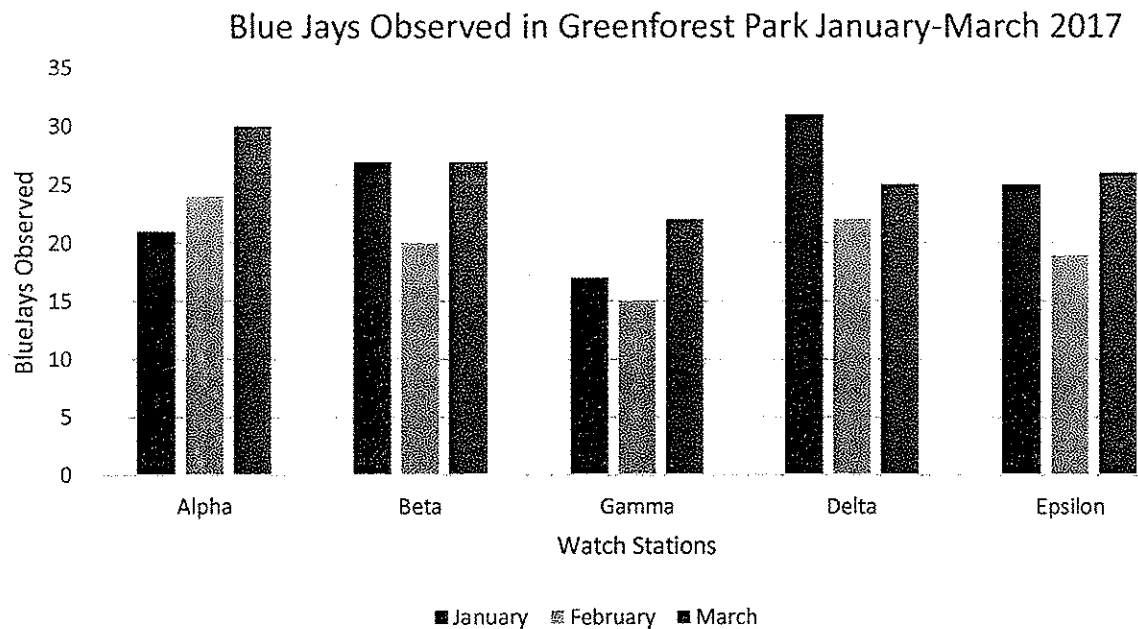
FINAL SCORE: \_\_\_\_\_

(Please do not open test until the signal is given to begin.)

**Atlas Questions – United States** – The following questions are about the United States.

1. Which of these cities is NOT located on a river that drains into the Mississippi River?  
A. Santa Fe, New Mexico  
B. Bismarck, North Dakota  
C. Fort Smith, Arkansas  
D. Louisville, Kentucky
2. The land surrounding State College, Pennsylvania is primarily used for what economic purpose?  
A. Forestry  
B. Commercial Farming  
C. Ranching or Herding  
D. Nomadic Herding
3. Between 2000 and 2004 what state was the primary destination for migrants?  
A. Texas  
B. Arizona  
C. Florida  
D. California
4. What is the height of Borah Peak, in meters?  
A. 3,859  
B. 12,662  
C. 4,213  
D. 11,299
5. What interstate highway would you take if you were to travel from Fort Collins, Colorado to Las Cruces, New Mexico?  
A. I-70  
B. I-25  
C. I-10  
D. I-17
6. Which of these cities is not located in the region known as “Tornado Alley”?  
A. Wichita, Kansas  
B. Fargo, North Dakota  
C. Amarillo, Texas  
D. Omaha, Nebraska
7. What trade item makes up 10.9% of the total annual trade of the United States?  
A. Machinery  
B. Electronics  
C. Transportation Equipment  
D. Fuel
8. The capital of which US state comes last alphabetically?  
A. Rhode Island  
B. Florida  
C. Wyoming  
D. New Jersey
9. Pymatuning Reservoir is located on the border of which two states?  
A. Georgia and South Carolina  
B. Ohio and Pennsylvania  
C. Minnesota and Wisconsin  
D. California and Nevada
10. Which direction would you travel if you were heading from the Sonoran Desert to the Ruby Mountains?  
A. South  
B. North  
C. East  
D. West

**Bar Graph Questions** – Use the following bar graph to answer questions 11 through 17.

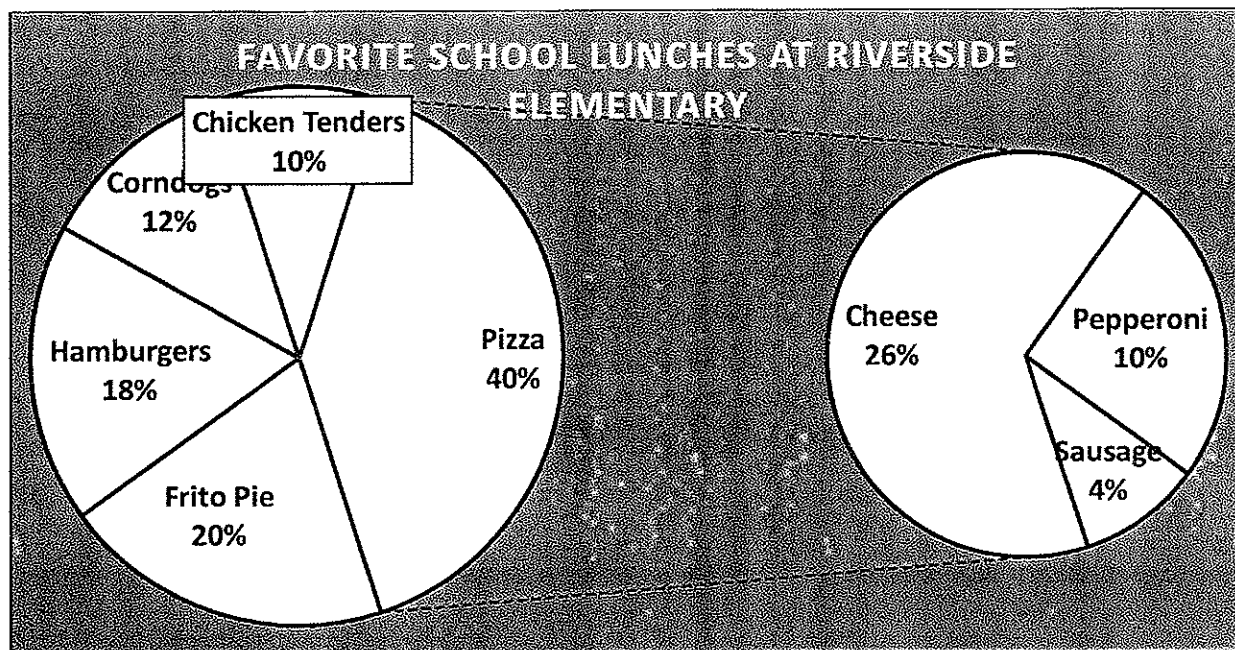


11. How many watch stations in Greenforest Park gathered information on Blue Jay sightings?
  - A. 4
  - B. 5
  - C. 6
  - D. 7
12. In March, how many blue jays were sighted from Watch Station Delta?
  - A. 31
  - B. 25
  - C. 21
  - D. 78
13. Which watch station sighted the most blue jays in the month of January?
  - A. Alpha
  - B. Beta
  - C. Gamma
  - D. Delta
14. What percentage of blue jays sighted in February were observed at Watch Station Epsilon?
  - A. 19%
  - B. 25%
  - C. 28%
  - D. 15%
15. Which watch station observed the most blue jays over the 3 months?
  - A. Alpha
  - B. Beta
  - C. Delta
  - D. Epsilon
16. In which month were the fewest blue jays observed across the 5 watch stations?
  - A. January
  - B. February
  - C. March
  - D. cannot be determined

17. What percentage of all blue jays observed at Watch Station Alpha were observed in March?

- A. 33%
- B. 40%
- C. 50%
- D. 75%

**Pie Chart Questions** – Use the following pie chart to answer questions 18 through 24.



18. What percentage of students at Riverside Elementary said hamburgers were their favorite lunch?

- A. 10%
- B. 12%
- C. 18%
- D. 20%

19. Out of the students whose favorite lunch was pizza, what was the most popular kind of pizza at Riverside Elementary?

- A. Cheese
- B. Pepperoni
- C. Sausage
- D. Mushrooms

20. What lunch was twice as popular as chicken tenders?

- A. Frito Pie
- B. Hamburgers
- C. Cheese Pizza
- D. Pepperoni pizza

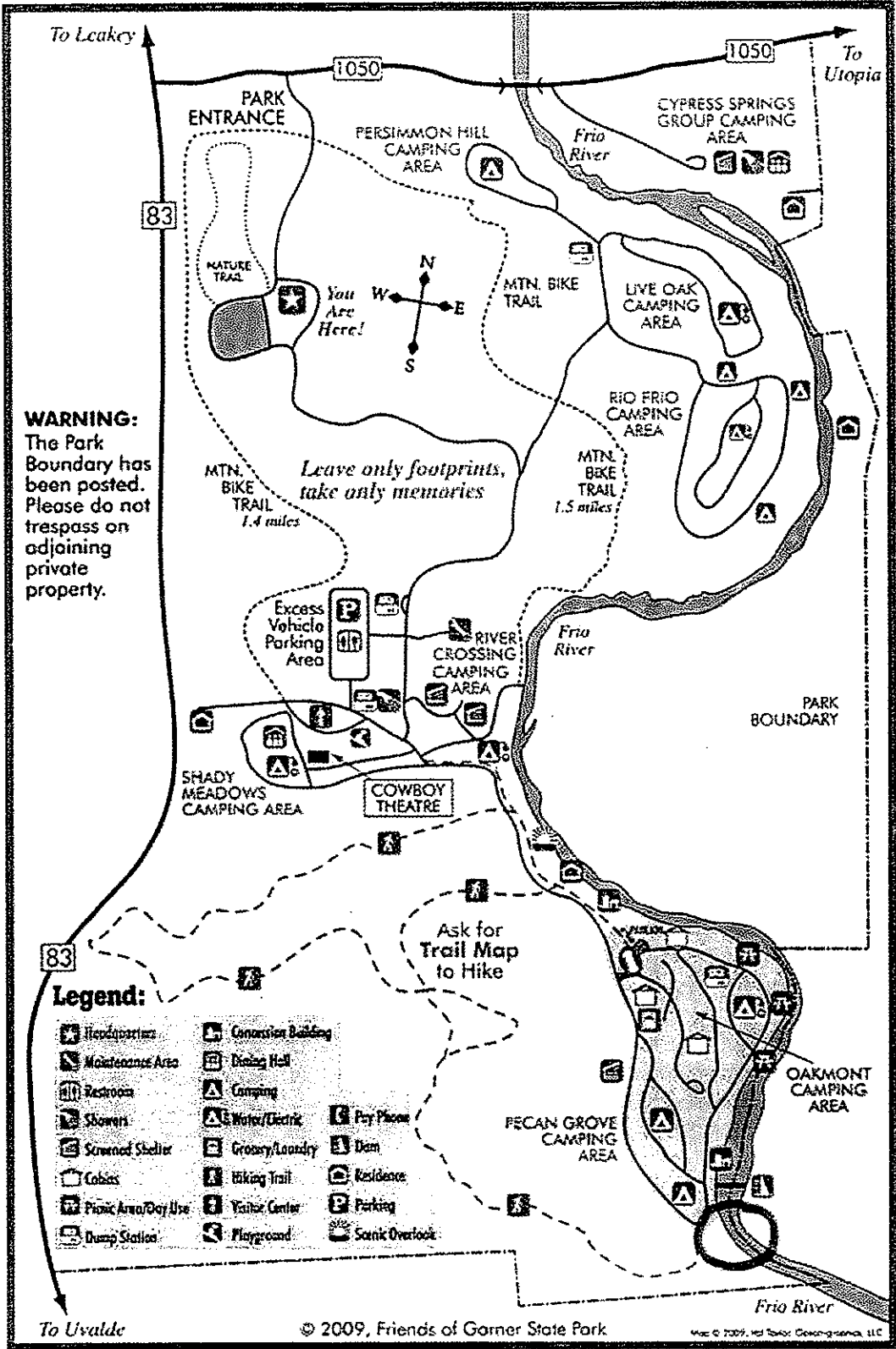
21. If 200 students responded to the survey, how many of these students said their favorite lunch was Corndogs?

- A. 12
- B. 18
- C. 24
- D. 32

22. If 500 students responded to the survey, what lunch was the favorite of exactly 100 students?
- |                    |                    |
|--------------------|--------------------|
| A. Pepperoni Pizza | B. Chicken Tenders |
| C. Hamburgers      | D. Frito Pie       |
23. Out of the students who said pizza was their favorite lunch, what percent said pepperoni was their favorite kind of pizza?
- |        |        |
|--------|--------|
| A. 4%  | B. 10% |
| C. 20% | D. 25% |
24. If 60 students said pizza was their favorite lunch, how many students said cheese pizza was their favorite kind of pizza?
- |       |       |
|-------|-------|
| A. 16 | B. 39 |
| C. 26 | D. 65 |

**Map Questions** – Use the map of Garner State Park on the following page to answer questions 25 through 29.

25. If you leave going south from Garner State Park on Highway 83 What city will you come across first?
- |           |                |
|-----------|----------------|
| A. Leakey | B. Uvalde      |
| C. Utopia | D. San Antonio |
26. How long is the Mountain Bike Trail leading from the Park Entrance to the banks of the Frio River?
- |              |              |
|--------------|--------------|
| A. 1.1 miles | B. 1.4 miles |
| C. 1.5 miles | D. 2.1 miles |
27. What direction would you head from the Cowboy Theatre to reach the Scenic Overlook?
- |          |          |
|----------|----------|
| A. North | B. South |
| C. East  | D. West  |
28. Which of these camping areas has shower facilities?
- |                    |                   |
|--------------------|-------------------|
| A. Cypress Springs | B. Persimmon Hill |
| C. Live Oak        | D. Rio Frio       |
29. The Nature Trail is located nearest to what location?
- |                             |                    |
|-----------------------------|--------------------|
| A. Headquarters             | B. Cowboy Theatre  |
| C. Pecan Grove Camping Area | D. Scenic Overlook |



**Atlas Questions – Europe** – The following questions are about Europe.

30. Put the following cities in order from most airline traffic to least: Athens, Greece; Frankfurt, Germany; Barcelona, Spain.
- |                                 |                                 |
|---------------------------------|---------------------------------|
| A. Barcelona, Athens, Frankfurt | B. Frankfurt, Barcelona, Athens |
| C. Athens, Barcelona, Frankfurt | D. Frankfurt, Athens, Barcelona |
31. Most of the area of Kazakhstan is in Asia, however, the area west of what river is considered to be part of Europe?
- |                |                |
|----------------|----------------|
| A. Volga River | B. Terek River |
| C. Syr Darya   | D. Ural River  |
32. What is the official language of the principality of Andorra?
- |            |            |
|------------|------------|
| A. Spanish | B. Catalan |
| C. English | D. French  |
33. Which metal is not predominately found in Bosnia and Herzegovina?
- |             |         |
|-------------|---------|
| A. Aluminum | B. Gold |
| C. Copper   | D. Iron |
34. If you were traveling by boat from Catanzaro, Italy to the island of Corfu, what body of water would you primarily be sailing in?
- |               |                   |
|---------------|-------------------|
| A. Ionian Sea | B. Adriatic Sea   |
| C. Aegean Sea | D. Tyrrhenian Sea |
35. Svalbard is an archipelago in the Arctic Ocean that is controlled by what European country?
- |           |                   |
|-----------|-------------------|
| A. Russia | B. Sweden         |
| C. Norway | D. United Kingdom |
36. Which of these countries relies on renewable energy sources for at least half of the country's power?
- |            |            |
|------------|------------|
| A. Germany | B. Austria |
| C. Spain   | D. Poland  |
37. In what year did Georgia gain independence from Russia?
- |         |         |
|---------|---------|
| A. 1991 | B. 1989 |
| C. 1994 | D. 2001 |
38. What is the largest island in the continent of Europe?
- |             |                  |
|-------------|------------------|
| A. Iceland  | B. Sicily        |
| C. Sardinia | D. Great Britain |
39. Which mountain range runs along the border between France and Spain?
- |                         |             |
|-------------------------|-------------|
| A. Apennines            | B. Alps     |
| C. Carpathian Mountains | D. Pyrenees |

40. Cashews make up what percentage of exports from the country of Guinea-Bissau?  
A. 56.3%  
B. 95.6%  
C. 78.2%  
D. 34.9%
41. The region in between the Tropic of Cancer and the Tropic of Capricorn is known as the tropics. Which of the following countries is entirely located within the tropics?  
A. Sudan  
B. Mexico  
C. Oman  
D. Paraguay
42. Which country produces more gold than any other country, at 14.7% of the global production?  
A. United States  
B. China  
C. Chile  
D. South Africa
43. What is the official name of the country of Luxembourg?  
A. Kingdom of Luxembourg  
B. Most Serene Republic of Luxembourg  
C. Grand Duchy of Luxembourg  
D. Principality of Luxembourg
44. Which of these countries borders the third largest lake in the world?  
A. Turkmenistan  
B. Canada  
C. Zambia  
D. Uganda
45. Hobart, Australia has what type of climate?  
A. Marine  
B. Mediterranean  
C. Humid subtropical  
D. Tropical rain forest
46. What is the predominant religion in the country of Mongolia?  
A. Christianity  
B. Buddhism  
C. Hinduism  
D. Islam
47. What is the most densely populated country in South America?  
A. Ecuador  
B. Peru  
C. Brazil  
D. Uruguay
48. At which research station was the coldest temperature ever recorded measured?  
A. Amundsen-Scott Station  
B. Vostok Research Station  
C. Alert Station  
D. Concordia Research Station
49. Melville Island is divided between Nunavut and Northwest Territories along what line of longitude?  
A. 110 degrees East  
B. 70 degrees North  
C. 110 degrees West  
D. 70 degrees East
50. What small tectonic plate is located just off of the coast of Washington State?  
A. Nazca Plate  
B. Cocos Plate  
C. Juan de Fuca Plate  
D. Scotia Plate

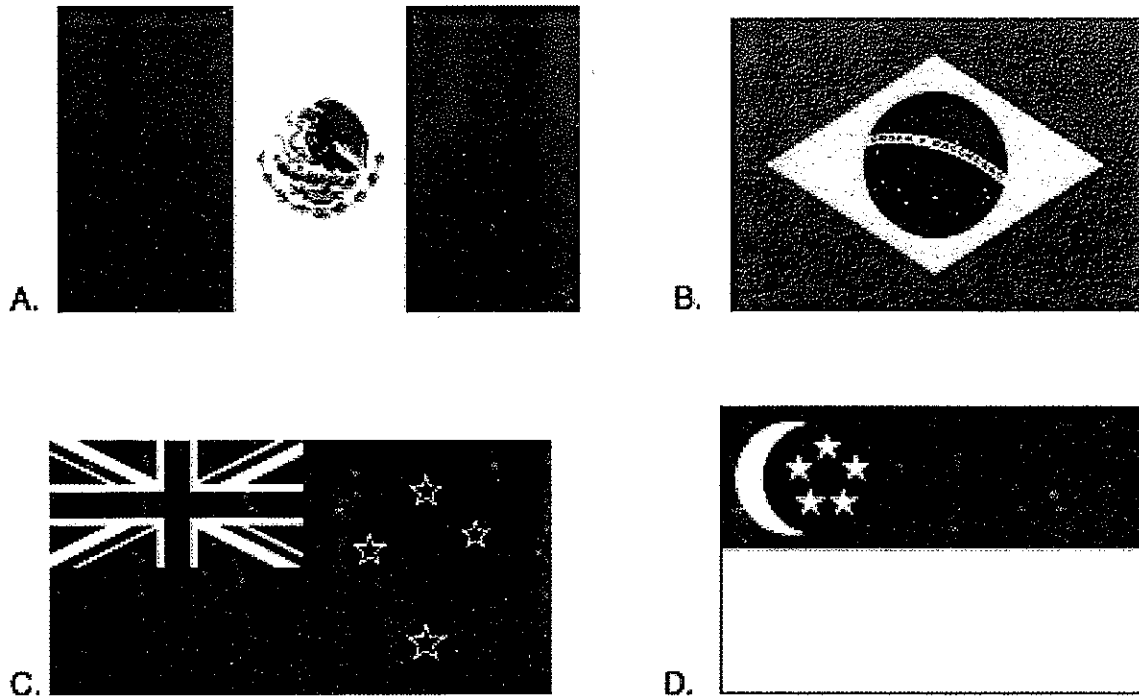


**General Geography Questions** – The following questions are general geography questions and may or may not be found in the Atlas.

51. What is the only U.S. state that contains a royal palace?  
A. Virginia  
B. California  
C. New York  
D. Hawaii
52. In which country is the Great Sandy Desert located?  
A. United States  
B. Saudi Arabia  
C. South Africa  
D. Australia
53. How many stars are on the European Union flag?  
A. 12  
B. 15  
C. 20  
D. 25
54. What present-day country was formerly known as Abyssinia?  
A. India  
B. South Africa  
C. Indonesia  
D. Ethiopia
55. Millions of people are said to have kissed the famous Blarney Stone in order to gain extraordinary storytelling prowess. The Blarney Stone is located in which country?  
A. Sweden  
B. Ireland  
C. United Kingdom  
D. Iceland
56. What was the first U.S. state located on the Pacific Ocean admitted to the Union?  
A. Washington  
B. Oregon  
C. California  
D. Alaska
57. What ancient civilization built the citadel Machu Picchu, located in present-day Peru?  
A. Aztec  
B. Maya  
C. Inuit  
D. Inca
58. Which U.S. state is commonly referred to as "The Beaver State"?  
A. Oregon  
B. Ohio  
C. Montana  
D. Illinois
59. The Hanging Gardens of Babylon are one of the Seven Wonders of the Ancient World. The ancient city of Babylon was located in what present-day country?  
A. Iran  
B. Israel  
C. Iraq  
D. Turkey

60. Which of these U.S. cities has never hosted the Olympic Games?

- A. Los Angeles
- B. St. Louis
- C. Atlanta
- D. Boston



Match the following countries to their flags above to answer questions 61 through 64.

- 61. New Zealand
- 62. Brazil
- 63. Singapore
- 64. Mexico

65. The ancient city of Carthage was located in what present-day country?

- A. Egypt
- B. Greece
- C. Turkey
- D. Tunisia

66. What African country has a capital named after a U.S. president?

- A. Liberia
- B. Sierra Leone
- C. South Africa
- D. Comoros

67. What is the most populous country in Brazil?

- A. Brasilia
- B. Rio de Janeiro
- C. Sao Paulo
- D. Porto Alegre

**U.S. Landmarks** – Match the letters on the map below to the U.S. Landmarks in questions 68 through 75.



- 68. Devil's Tower
- 69. San Jacinto Monument
- 70. Cape Hatteras Lighthouse
- 71. Niagara Falls
- 72. Fisherman's Wharf
- 73. Monticello
- 74. Grand Canyon
- 75. Cloud Gate

**PSIA Maps, Graphs & Charts Contest**  
**Grades 6-8 – DISTRICT – 2018**  
**ANSWER KEY**

Page number references in parentheses are found only in the 2014 or NEWER editions of the *Nystrom Desk Atlas*. **Scoring:** +5 for each correct answer; -2 for each incorrect answer. No points are deducted for skipped or unanswered items. Deduct 2 points for erasures/mark-outs not resulting in a correct answer.

- |            |             |                     |       |
|------------|-------------|---------------------|-------|
| 1. A (97)  | 20. A       | 39. D (138)         | 58. A |
| 2. A (96)  | 21. C       | 40. B (40)          | 59. C |
| 3. C (81)  | 22. D       | 41. A (124)         | 60. D |
| 4. A (95)  | 23. D       | 42. D (26)          | 61. C |
| 5. B (97)  | 24. B       | 43. C (190)         | 62. B |
| 6. B (75)  | 25. B       | 44. D (cover & 122) | 63. D |
| 7. A (79)  | 26. C       | 45. A (176)         | 64. A |
| 8. D (82)  | 27. C       | 46. B (42)          | 65. D |
| 9. B (82)  | 28. A       | 47. A (111)         | 66. A |
| 10. B (72) | 29. A       | 48. B (182)         | 67. C |
| 11. B      | 30. B (143) | 49. C (54)          | 68. F |
| 12. B      | 31. D (148) | 50. C (16)          | 69. A |
| 13. D      | 32. B (189) | 51. D               | 70. G |
| 14. A      | 33. B (142) | 52. D               | 71. C |
| 15. C      | 34. A (147) | 53. A               | 72. H |
| 16. B      | 35. C (9)   | 54. D               | 73. E |
| 17. B      | 36. B (142) | 55. B               | 74. F |
| 18. C      | 37. A (149) | 56. C               | 75. B |
| 19. A      | 38. D (133) | 57. D               |       |