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Score Test Below:

_____ Initials _____

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Papers contending to place:

_____ Initials _____



**University Interscholastic League
A+ Maps/Graphs/Charts Contest • Answer Sheet**

Write your contestant number in the upper right corner, and circle your grade below.

Circle Grade Level: 5 6

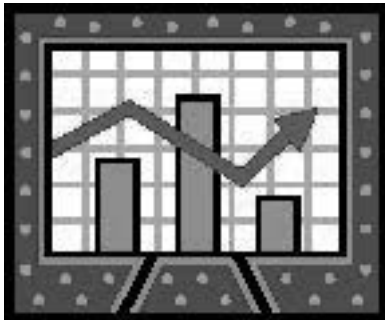
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|-------|---|---|---|-------|---|-------|---|-------|---|---|---|
| 1. A | B | C | D | 26. T | F | 51. A | B | C | D | | |
| 2. A | B | C | D | 27. T | F | 52. A | B | C | D | | |
| 3. A | B | C | D | 28. T | F | 53. A | B | C | D | | |
| 4. A | B | C | D | 29. T | F | 54. A | B | C | D | | |
| 5. A | B | C | D | 30. T | F | 55. T | F | | | | |
| 6. A | B | C | D | 31. A | B | C | D | 56. T | F | | |
| 7. A | B | C | D | 32. A | B | C | D | 57. T | F | | |
| 8. A | B | C | D | 33. A | B | C | D | 58. T | F | | |
| 9. A | B | C | D | 34. A | B | C | D | 59. T | F | | |
| 10. A | B | C | D | 35. A | B | C | D | 60. T | F | | |
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| 19. A | B | C | D | 44. T | F | 69. A | B | C | D | | |
| 20. A | B | C | D | 45. T | F | 70. A | B | C | D | | |
| 21. A | B | C | D | 46. A | B | C | D | 71. T | F | | |
| 22. A | B | C | D | 47. A | B | C | D | 72. T | F | | |
| 23. A | B | C | D | 48. A | B | C | D | 73. T | F | | |
| 24. A | B | C | D | 49. A | B | C | D | 74. T | F | | |
| 25. A | B | C | D | 50. A | B | C | D | 75. T | F | | |

INVITATIONAL 2020-2021

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 5 & 6

**DO NOT OPEN TEST
UNTIL TOLD TO DO SO**

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Europe Political Relief Map

1. What is the capital city of Ukraine?
 - a. Donetsk
 - b. Kharkiv
 - c. Kiev
 - d. Lviv
2. Which of the following countries is south of Slovakia?
 - a. Estonia
 - b. Poland
 - c. Moldova
 - d. Serbia
3. Which of the following countries does not occupy land on two continents?
 - a. Kazakhstan
 - b. Russia
 - c. Spain
 - d. Turkey
4. What city can be found on the shores of the Gulf of Finland at 59.9311°N?
 - a. St. Petersburg
 - b. Helsinki
 - c. Oslo
 - d. Riga
5. How many countries are part of Iceland's southern border?
 - a. 1
 - b. 2
 - c. 3
 - d. None of the above
6. What body of water separates Ukraine from Asia?
 - a. Sea of Azov
 - b. The Atlantic Ocean
 - c. Caspian Sea
 - d. Black Sea
7. Which of the following Russian cities has the smallest population?
 - a. Volgograd
 - b. Bryansk
 - c. Kazan
 - d. Ufa
8. How far is it in miles from Paris, France to Rome Italy?
 - a. About 500 miles
 - b. About 600 miles
 - c. About 700 miles
 - d. About 800 miles
9. The Danube River flows through which of the following countries?
 - a. Germany
 - b. Austria
 - c. Romania
 - d. All of the above
10. What does a blue dotted line connected to a black dotted line represent?
 - a. Dry or Seasonal Lake and River
 - b. Dams
 - c. Canals
 - d. Waterfalls
11. Where are The Alps located?
 - a. Northern border of Switzerland
 - b. Western border of France
 - c. Northern border of Italy
 - d. Central Germany
12. One centimeter is equal to how many kilometers on the map?
 - a. 100
 - b. 174
 - c. 275
 - d. 400
13. How many small countries exist within the Italian mainland?
 - a. 1
 - b. 2
 - c. 3
 - d. None
14. What European capital is the furthest west?
 - a. Vilnius, Lithuania
 - b. Tirana, Albania
 - c. Bern, Switzerland
 - d. Porto, Portugal
15. The Onega River flows in to what sea?
 - a. Black Sea
 - b. White Sea
 - c. Celtic Sea
 - d. None of the above

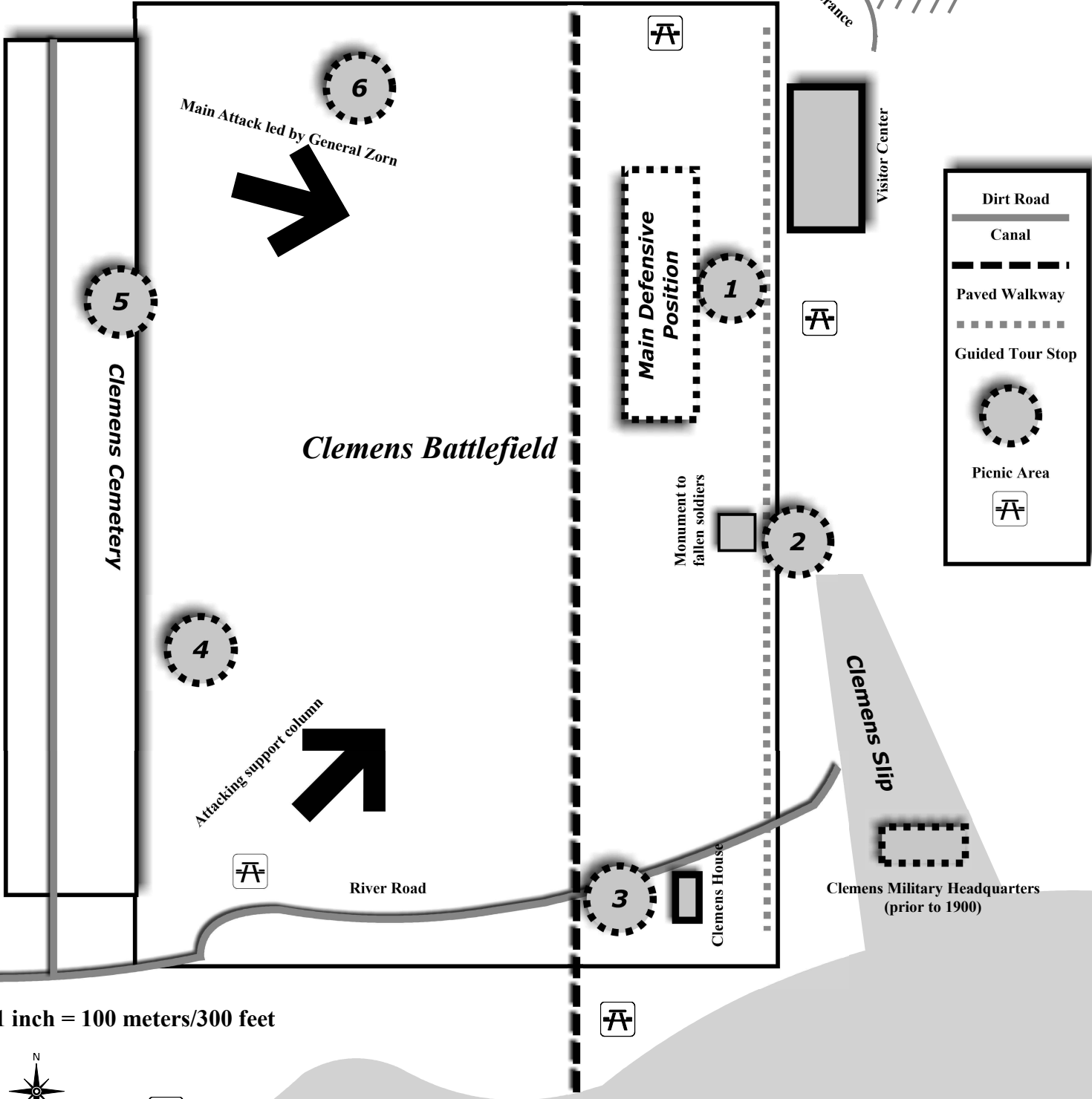
Clemens Battlefield Historical Site



Old Town
10 Miles



Entrance



	Dirt Road
	Canal
	Paved Walkway
	Guided Tour Stop
	Picnic Area

1 inch = 100 meters/300 feet



Green River

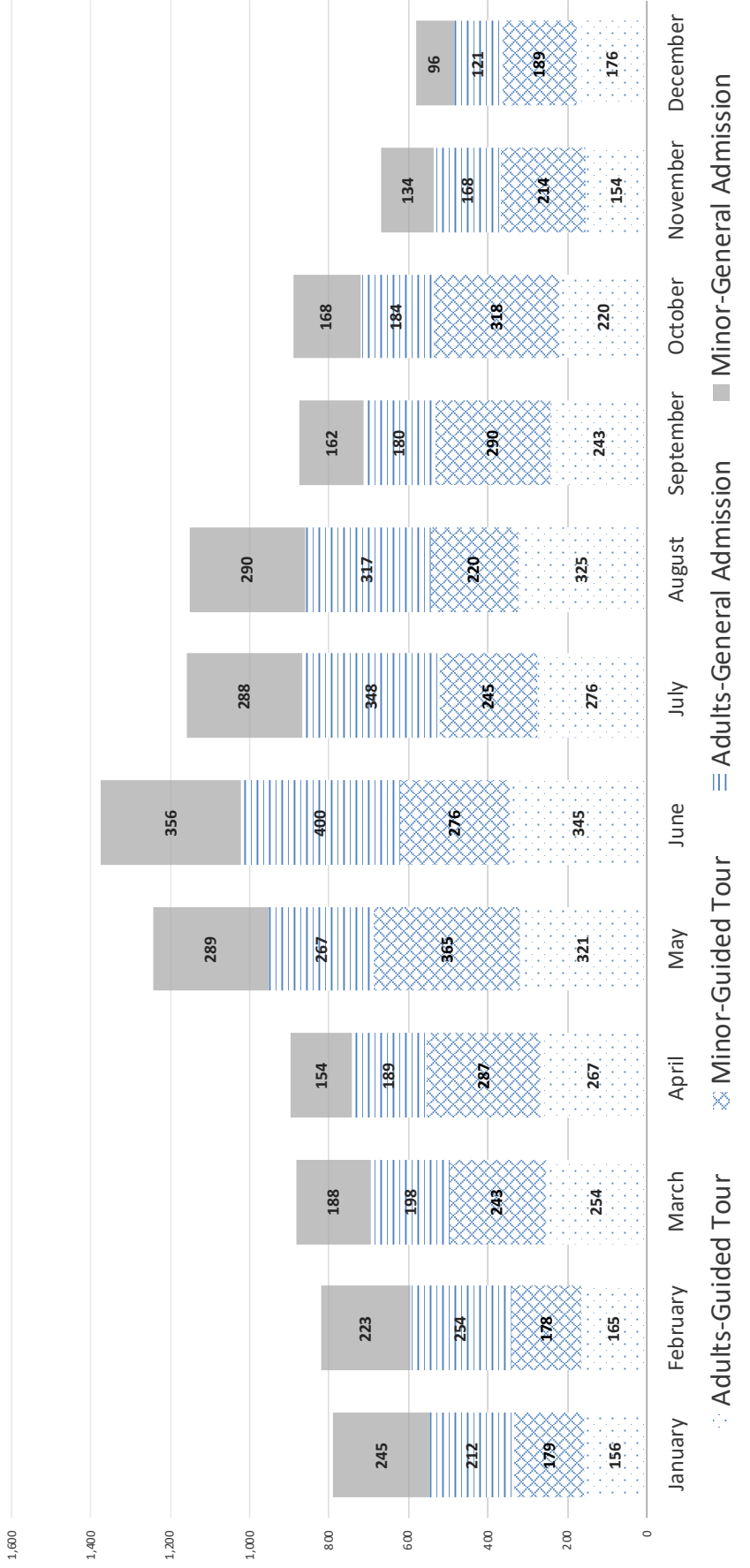
Defensive Battery Site on South Bank of River



Clemens Battlefield Historical Site

16. How many stops are on the guided tour?
- 0
 - 2
 - 4
 - 6
17. What does the grey dotted line represent?
- Dirt road
 - Canal
 - Paved walkway
 - Highway
18. How many meters does 3 inches on the map represent?
- 300
 - 900
 - 100
 - 500
19. How many picnic areas are shown on the map?
- 2
 - 3
 - 4
 - 5
20. The support column attacked from what direction?
- Northwest
 - Southwest
 - Northeast
 - Southeast
21. The parking lot is located closest to which of the following guided tour stops?
- The Monument to Fallen Soldiers
 - The Clemens House
 - The Visitor Center
 - The main defensive position
22. What stop on the guided tour is the furthest west.
- 1
 - 3
 - 5
 - 7
23. How far is it to the closest indicated town?
- 10 miles
 - 15 miles
 - 20 miles
 - Not indicated on the map
24. Where is the defensive battery site located?
- On the north side of the cemetery
 - On the east side of the battlefield
 - On the northern riverbank
 - On the southern riverbank
25. How many paved roads run through the battlefield?
- 0
 - 1
 - 2
 - 3
- TRUE/FALSE**
26. The attack came from two directions.
27. Clemens House is directly north of a dirt road.
28. The cemetery is on the eastern side of the site.
29. The main attack came from the general direction of Old Town.
30. A dirt road runs through the cemetery.

HISTORICAL SITE VISITORS BY ADMISSIONTYPE



Historical Site Visitors by Admission Type

31. What year is represented on the graph?
- 2019
 - 2018
 - 2017
 - Not indicated
32. How many categories of visitors are represented for each month?
- 1
 - 2
 - 3
 - 4
33. What does the darkest section of each column represent?
- January
 - February
 - Minor general admission
 - Adults guided tour
34. What month had the highest total number of visitors?
- August
 - September
 - October
 - November
35. In February, what type of customer had the lowest attendance?
- Minor guided tour
 - Adults guided tour
 - Adults general admission
 - Minor general admission
36. Which month saw the highest decline in overall numbers compared to the previous month?
- February
 - June
 - July
 - December
37. Which month saw the highest amount of adult general admission visitors?
- June
 - March
 - October
 - August
38. How many years of data are displayed on the graph?
- 0
 - 1
 - 2
 - 30
39. How many times did an individual category rise above 500?
- 0
 - 1
 - 2
 - 3
40. Which customer category had the lowest number of attendees for the whole year?
- Minor guided tour
 - Adults guided tour
 - Adults general admission
 - Minor general admission
- TRUE/FALSE**
41. The summer months tend to have the highest number of visitors.
42. December had the lowest number of visitors in all categories.
43. After June, the number of visitors declined every month.
44. The number of minor general admission visitors never fell below 200 in a single month.
45. In January, the highest number of visitors were general admission minors.

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Australia and Its Neighbors Land Cover and Elevation Maps

46. Australia is mainly covered by what type of terrain?

- a. Cropland
- b. Grassland
- c. Semi-desert and desert
- d. Tropical rain forest

47. Port Vila is the capital of what country?

- a. Australia
- b. New Zealand
- c. Indonesia
- d. Vanuatu

48. What do the white dots on the two maps represent?

- a. Continental boundary
- b. International boundary
- c. Disputed boundary
- d. International Date Line

49. What is the elevation, in meters, on the island of Dolak?

- a. Between 600 to 1,5000
- b. Between 300 to 600
- c. Between 0 to 150
- d. Below sea level

50. The Great Dividing Range runs mainly across what part of Australia?

- a. South
- b. North
- c. West
- d. East

51. What is the capital of Australia?

- a. Perth
- b. Sydney
- c. Canberra
- d. Adelaide

52. What city can be found at 12.46° S, 130.84° E?

- a. Darwin, Australia
- b. Brisbane, Australia
- c. Wellington, New Zealand
- d. Perth, Australia

53. What is the highest peak in Australia?

- a. Mt. Cook
- b. Mt. Tambora
- c. Mt. Ossa
- d. Mt. Kosciuszko

54. What body of water lies between Australia and Tasmania?

- a. Indian Ocean
- b. Bass Strait
- c. Pacific Ocean
- d. Torres Strait

TRUE/FALSE

55. The highest elevation in New Guinea is between 5,000 to 10,000 feet.

56. New Caledonia is just located east of the Tropic of Capricorn.

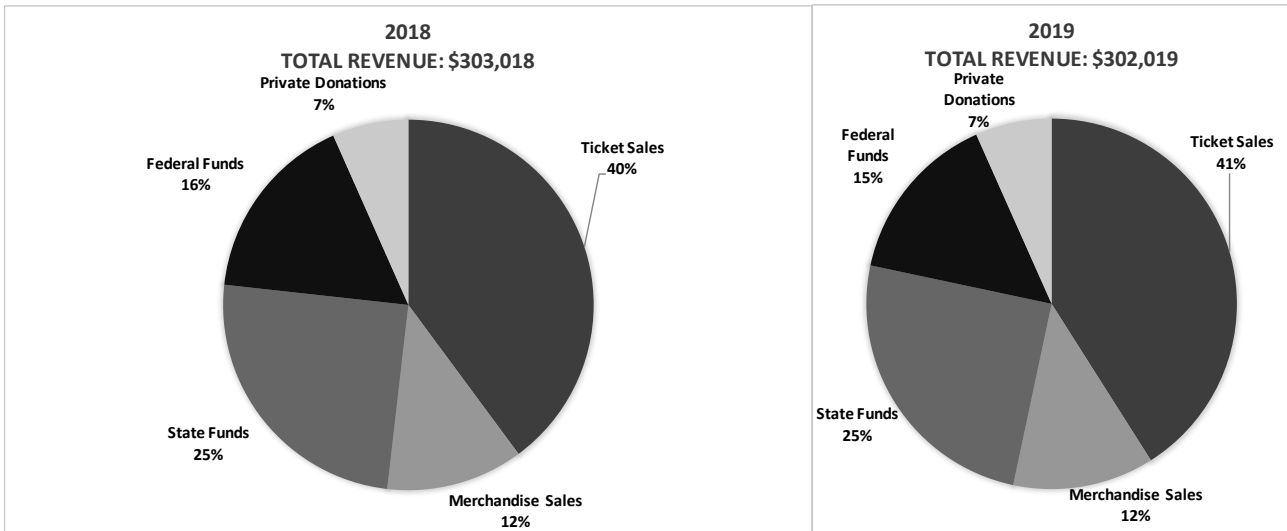
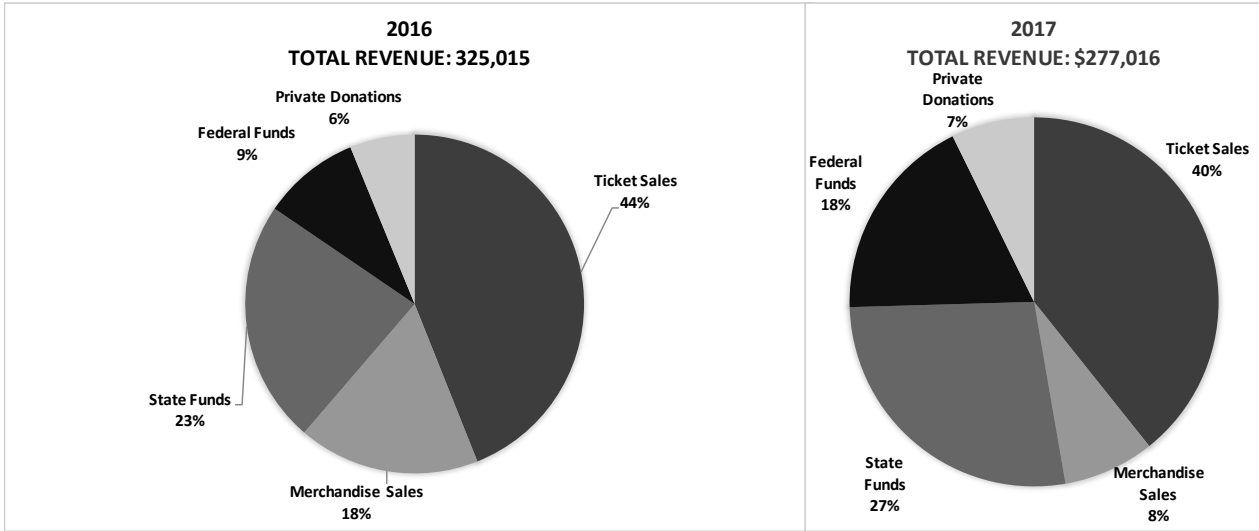
57. Lake Disappointment is an example of a lake that can be dry in certain seasons.

58. One inch equals more miles on the cross section than on the main elevation map.

59. Grassland is the main land cover type in Borneo.

60. Most of the large Australian cities are located on the coast.

Historical Site Revenue



Historical Site Revenue

61. What period of time is represented by each pie chart?
- One week
 - One month
 - One year
 - Four years
62. What is the greatest source of revenue in all years combined?
- Ticket sales
 - Merchandise sales
 - State funds
 - Private donations
63. In what year was the most revenue generated?
- 2016
 - 2017
 - 2018
 - Data not available
64. In what year did state funding account for the lowest percentage of revenue?
- 2016
 - 2017
 - 2018
 - Data not available
65. How many different sources of revenue are shown in the charts?
- 4
 - 5
 - 20
 - 25
66. What year did Federal funding account for the highest percentage of funding?
- 2016
 - 2017
 - 2018
 - Data not available
67. In how many years did state funds account for more than 25% of that year's revenue?
- 1
 - 2
 - 3
 - 4
68. In how many years did merchandise sales account for more revenue than state funding?
- 0
 - 2
 - 3
 - 4
69. What does the lightest part of the pie chart represent?
- Ticket sales
 - Merchandise sales
 - State funds
 - Private donations
70. In how many years did ticket sales account for more than \$100,000 in revenue?
- 2
 - 3
 - 4
 - Data not available

TRUE/FALSE

71. State funding was higher than federal funding every year.
72. Merchandise sales hit their peak in 2016.
73. Comparing the category of ticket sales across the four charts, ticket sales generated the least amount of money in 2017.
74. 2017 is the only year that saw a decrease in revenue from the previous year.
75. The category with the most amount of variation across the different charts is private funding.



University Interscholastic League
A+ Maps/Graphs/Charts Contest • 2020-2021
5/6 Invitational District
Answer Key

1. C	26. T	51. C
2. D	27. F	52. A
3. C	28. F	53. D
4. A	29. T	54. B
5. D	30. T	55. F
6. D	31. D	56. F
7. B	32. D	57. T
8. D	33. C	58. F
9. D	34. A	59. F
10. A	35. B	60. T
11. C	36. C	61. C
12. B	37. A	62. A
13. B	38. B	63. A
14. C	39. A	64. A
15. B	40. D	65. B
16. D	41. T	66. B
17. C	42. F	67. A
18. A	43. F	68. A
19. D	44. F	69. D
20. B	45. T	70. C
21. D	46. C	71. T
22. C	47. D	72. T
23. A	48. A	73. T
24. D	49. C	74. F
25. A	50. D	75. F

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Circle Grade Level: 5 6 7 8

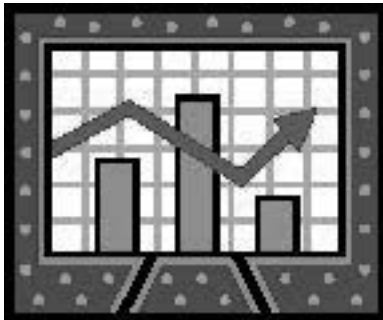
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INVITATIONAL 2020-2021

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 7 & 8

**DO NOT OPEN TEST
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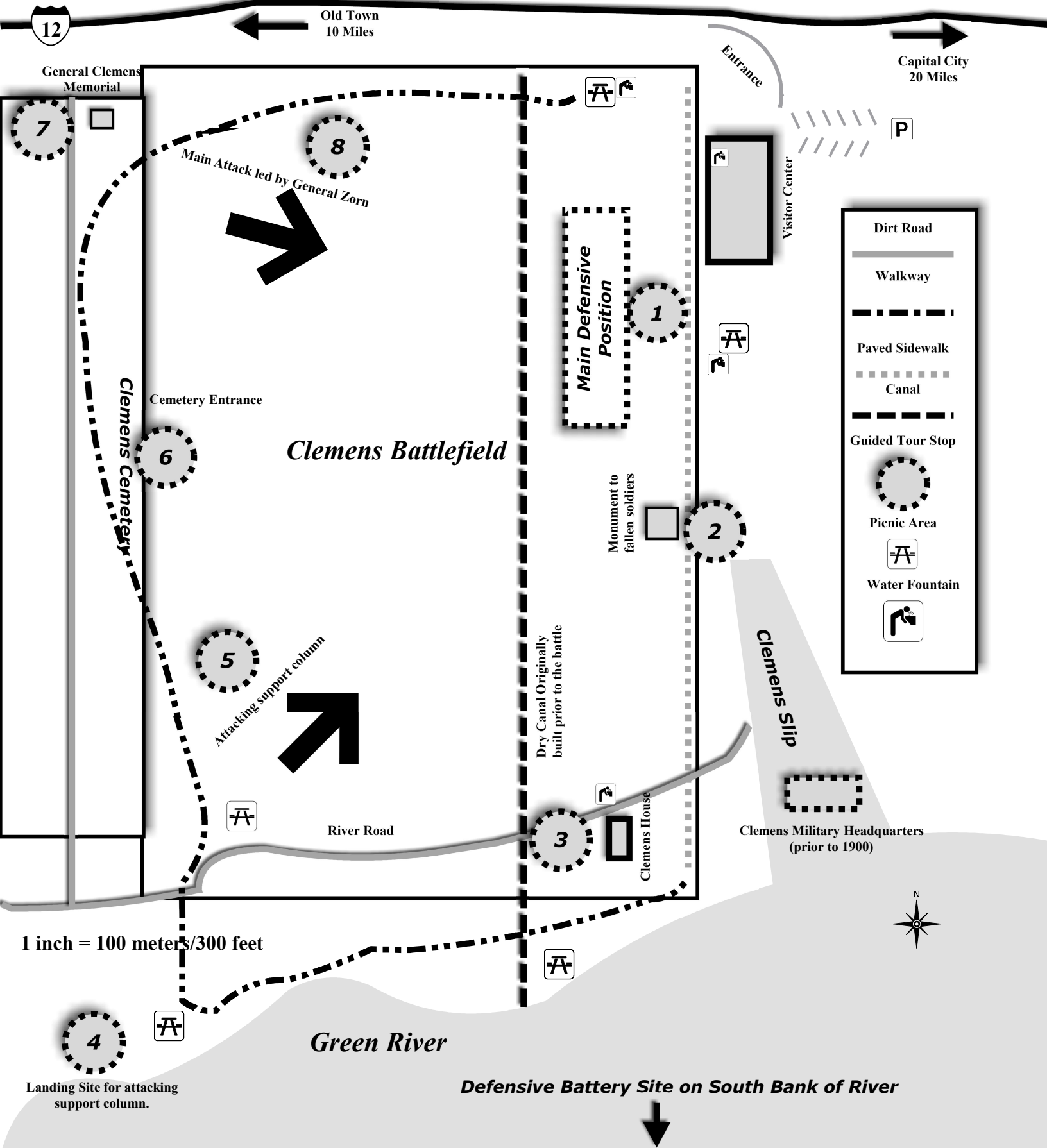
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Asia

- Which Indian city has the highest population?
 - Cuttak
 - Udaipur
 - Ludhiana
 - Lahore
- Which country does China export most to?
 - Japan
 - United States
 - European Union
 - Taiwan
- Which of the following capitals is not on the Persian Gulf?
 - Iran
 - Kuwait
 - Qatar
 - Yemen
- Socotra is a territory of what country?
 - Russia
 - Turkey
 - Indonesia
 - Yemen
- In what country is the deepest lake located?
 - Russia
 - India
 - China
 - None of the above
- What does the segmented pink line on the land cover map indicate?
 - International boundary
 - Disputed boundary
 - Continental boundary
 - Territorial boundary
- Which country has land at the highest elevation?
 - China
 - Indonesia
 - Russia
 - Turkey
- The climate in Russia is mainly of what type?
 - Tundra
 - Subarctic
 - Cool summer
 - Desert
- Which of the following has land in Asia and Africa?
 - Russia
 - Indonesia
 - Egypt
 - Oman
- Which of the following countries receives the highest amount of precipitation?
 - Malaysia
 - Uzbekistan
 - Mongolia
 - Nepal
- What is the northernmost city in Asia with a population over 1,000,000?
 - Sapporo
 - Tiksi
 - Yekaterinburg
 - Omsk
- How many miles is it from Harbin, China to Changchun, China?
 - About 150 miles
 - About 200 miles
 - About 300 miles
 - About 400 miles
- How many countries does the Ganges River flow through?
 - 1
 - 2
 - 3
 - 4
- Which of the following predominant beliefs include a mix of Buddhism and traditional or folk beliefs?
 - Japan
 - Mongolia
 - Thailand
 - Indonesia
- Where is the Bay of Bengal located?
 - West of the Philippines
 - North of Japan
 - South of Sri Lanka
 - East of India

Clemens Battlefield Historical Site

Open Monday through Saturday 8a.m to 8.p.m
 Guided Tours Hourly: 9a.m. to 4p.m.



	Dirt Road
	Walkway
	Paved Sidewalk
	Canal
	Guided Tour Stop
	Picnic Area
	Water Fountain

1 inch = 100 meters/300 feet



Landing Site for attacking support column.

Defensive Battery Site on South Bank of River

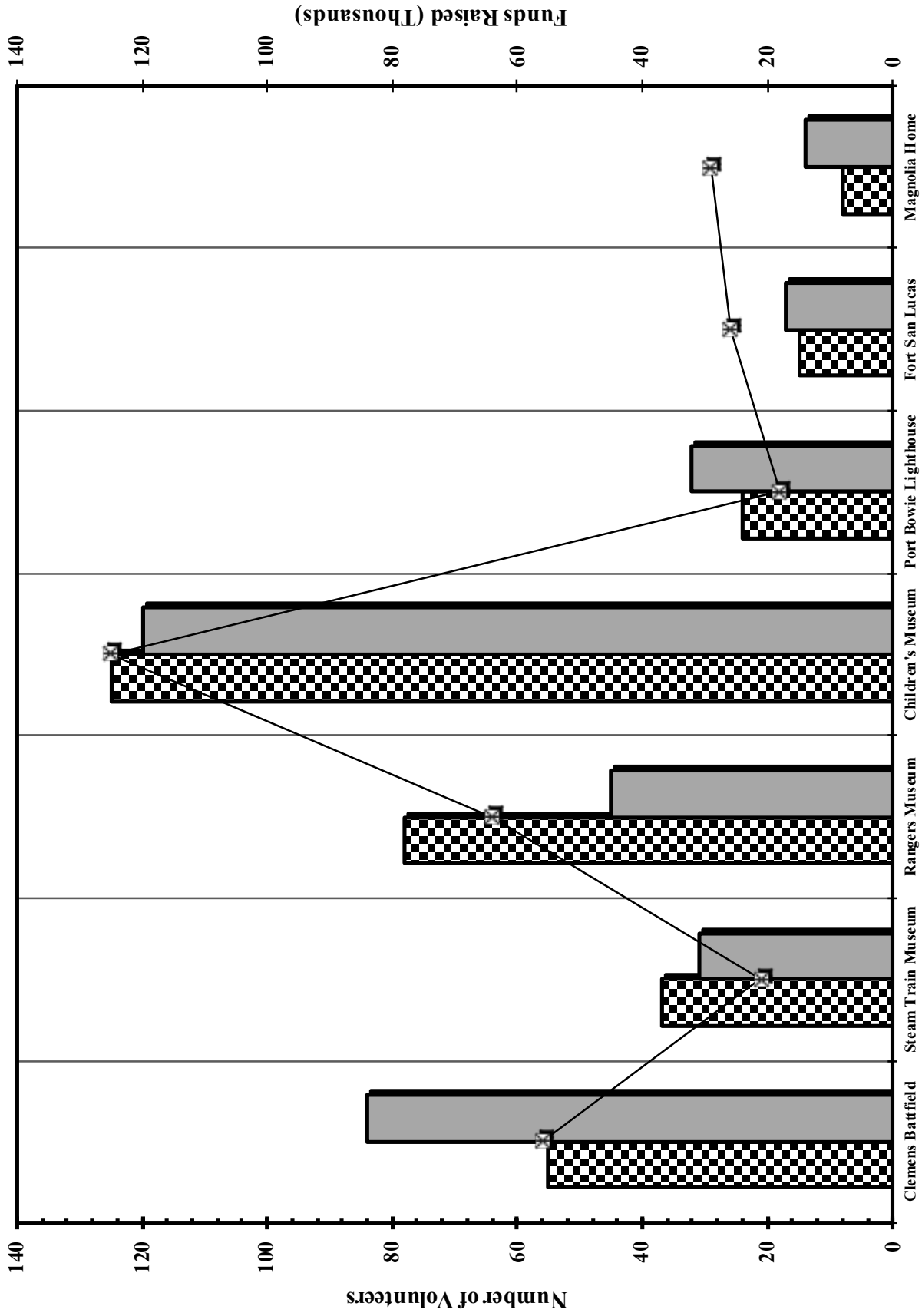
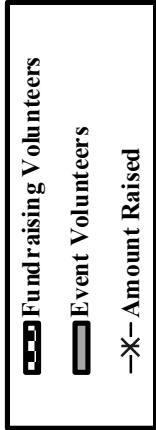
Clemens Battlefield Historical Site

16. How far is it from the parking lot to the General Clemens Memorial?
- About 1,000 feet
 - About 1,500 feet
 - About 2,000 feet
 - About 3,000 feet
17. How many water fountains are located to picnic areas?
- 0
 - 2
 - 4
 - 6
18. What does the solid grey line represent?
- Dirt road
 - Walkway
 - Paved sidewalk
 - Canal
19. The attacking support column landed where on the map?
- Southeast
 - Southwest
 - Northeast
 - Northwest
20. How many guided tour stops are north of the cemetery entrance?
- 0
 - 2
 - 3
 - 5
21. How many times does the walkway cross River Road?
- 0
 - 1
 - 2
 - 3
22. How many guided tours are there daily?
- 12
 - 10
 - 8
 - 6
23. What information do the large black arrows give?
- Direction of attack
 - Size of attacking force
 - Direction of the tour
 - None of the above
24. How many memorials to individuals are located inside the cemetery?
- 0
 - 1
 - 2
 - 3
25. Who led the main attack on the defensive position?
- General Zorn
 - General Clemens
 - General Green
 - Not indicated

TRUE/FALSE

26. The site is located 10 miles west of Capital City.
27. The slip was created sometime after the battle.
28. The map only shows the north side of the river.
29. If the tour went counterclockwise, you would reach Clemens House before Monument to fallen soldiers.
30. The site is open to visitors every day.

Historical Site Fundraising and Volunteers Data for 2019



Historical Site Fundraising and Volunteer Data

31. How many historical sites are represented?

- a. 1
- b. 5
- c. 7
- d. 14

32. What does the line represent?

- a. Amount raised for the year
- b. Amount raised per event
- c. Number of volunteers by type.
- d. Total number of volunteers.

33. What span of time is covered by the chart?

- a. One month
- b. One year
- c. Seven years
- d. Not indicated

34. Which site had the fewest number of fundraising volunteers?

- a. Clemens Battlefield
- b. Steam Train Museum
- c. Rangers Museum
- d. Children's Museum

35. How many categories of volunteers are shown on the chart?

- a. 2
- b. 5
- c. 10
- d. 15

36. How many sites raised more than the Clemens Battlefield site?

- a. 0
- b. 1
- c. 2
- d. 3

37. Which site had the most volunteers in total?

- a. Clemens Battlefield
- b. Steam Train Museum
- c. Ranger's Museum
- d. Children's Museum

38. What does the solid bar represent?

- a. They year
- b. Total amount raised
- c. Fundraising volunteers
- d. Event volunteers

39. How many sites had more event volunteers than fundraising volunteers?

- a. 1
- b. 2
- c. 4
- d. 5

40. What does the Y axis on the right represent?

- a. Number of volunteers
- b. Amount of fundraising in dollars
- c. Names of the sites
- d. Types of volunteers

TRUE/FALSE

41. The site with the lowest amount of total volunteers raised the least amount of money.

42. The site with the least amount of fundraising volunteers was Fort San Lucas.

43. There were more Fundraising volunteers than event volunteers.

44. Magnolia House raised over \$25,000.

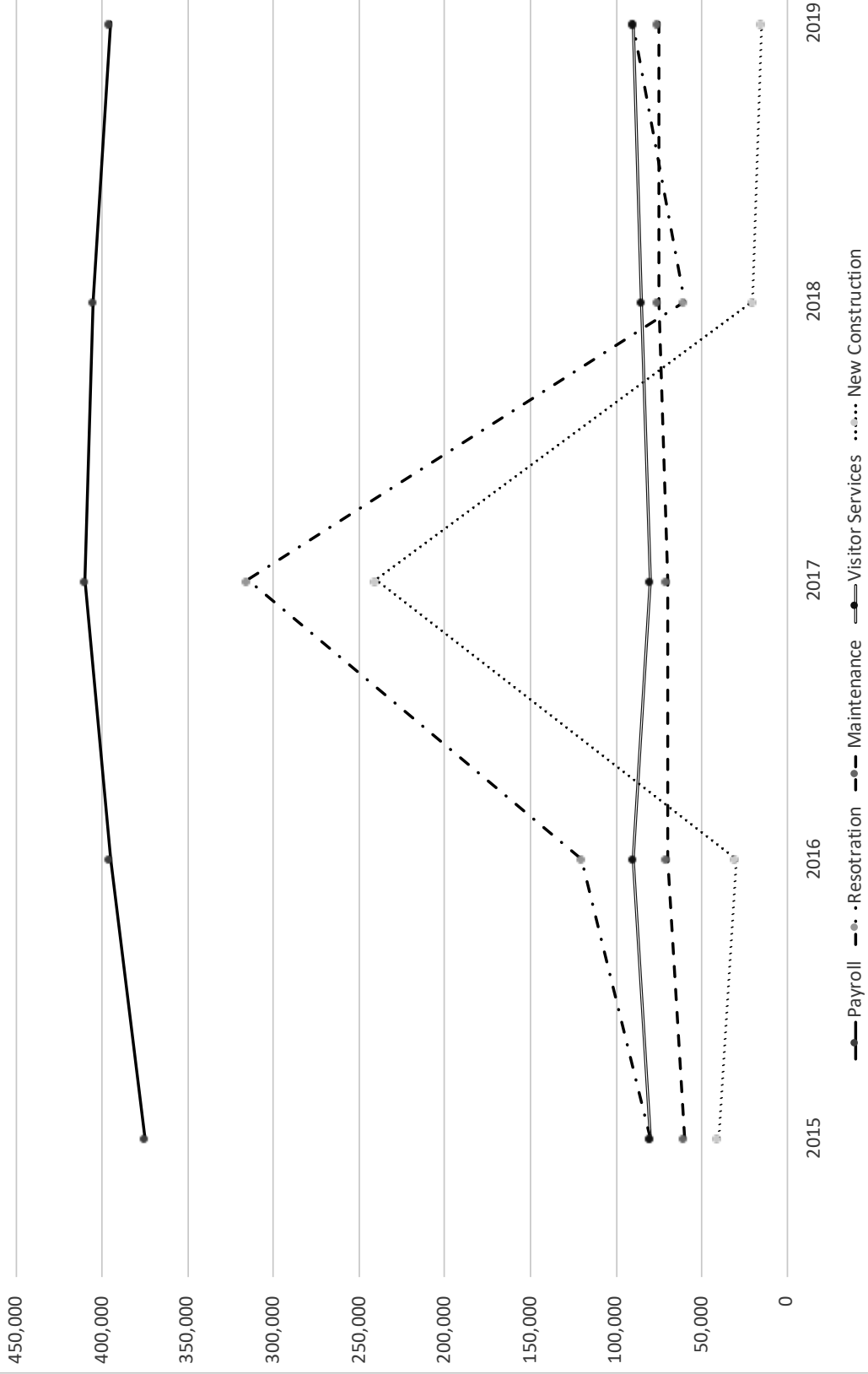
45. More people volunteered for the events at Magnolia House than events at Port Bowie Lighthouse.

North America

46. Dotted black lines on political relief maps represent what?
- International boundary
 - Disputed boundary
 - State or territorial boundary
 - City boundary
47. From Columbus, Indiana you can reach Indianapolis by heading north on highway...
- I65
 - I70
 - I69
 - I74
48. What is the capital of Canada's Yukon territory?
- Regina
 - Edmonton
 - Fort Frances
 - Whitehorse
49. What do the maple leaf icons represent on the political relief maps?
- Canadian territorial capital
 - Canadian country capital
 - Trans-Canada Highway
 - Canadian landmark
50. Which of the following territories produces more than \$5 billion in mining?
- Ontario
 - New Brunswick
 - British Columbia
 - Newfoundland and Labrador
51. What is the predominant type of land use in the western united states?
- Urban
 - Commercial farming
 - Ranching or herding
 - Forestry
52. Which of the following has the busiest airport?
- Hamilton
 - Halifax
 - Edmonton
 - Toronto
53. What is the dominant land cover type south of the Brooks Range in Alaska?
- Needle leaf forest
 - Semi-desert
 - Tundra
 - Glacier
54. A continental boundary runs through what body of water?
- Lake Superior
 - Gulf of Mexico
 - Bering Strait
 - Davis Strait
55. Which of these lakes has the lowest elevation?
- Great Salt Lake
 - Pyramid Lake
 - Lake Okeechobee
 - Yellowstone Lake
56. Which of the following states has an area of population over 250 per square mile?
- Montana
 - North Dakota
 - Wyoming
 - Washington
57. Which of the following states does not have shores on Lake Superior?
- Ohio
 - Wisconsin
 - Minnesota
 - Michigan
58. San Jose is the capital of what country?
- Mexico
 - New Mexico
 - Costa Rica
 - Cuba
59. Volcanoes can be created when two what slide together?
- Mountains
 - Plates
 - Islands
 - Countries
60. Which country occupies the largest area?
- Canada
 - Mexico
 - Nicaragua
 - United States

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Clemens Historical Site Annual Budget in Dollars



Clemens Historical Site Annual Budget

61. What year did payroll expenses change the most compared to the previous year?
- 2015
 - 2016
 - 2017
 - 2018
62. What does the double line represent?
- Clemens annual budget
 - Dollars
 - A particular year
 - Visitor services expenses.
63. What year was the least amount budgeted for new construction?
- 2016
 - 2017
 - 2018
 - 2019
64. Did attendance increase the year after the newest construction?
- Yes
 - No
 - Stayed the same
 - Data not available
65. What year had the highest amount spent on new construction?
- 2016
 - 2017
 - 2018
 - 2019
66. What does the X axis represent?
- Clemens annual budget
 - Dollars
 - A particular year
 - Visitor services expenses.

67. Which of the following categories had the smallest variation in the years shown on the graph?
- Restoration
 - New Construction
 - Maintenance
 - Payroll
68. In how many categories was there never a decrease in budget?
- 0
 - 1
 - 2
 - 3
69. How many times did restoration expenditures increase compared to the previous year?
- 0
 - 1
 - 2
 - 3
70. In 2015, what category had the least amount of money spent?
- Restoration
 - New Construction
 - Maintenance
 - Payroll

TRUE/FALSE

71. Over the time represented on the chart, the most money went towards payroll.
72. 2017 had the highest amount spent in all categories.
73. Payroll is the only category that ever exceeded \$300,000.
74. In 2015, payroll expenses were higher than all other categories combined.
75. The chart shows that the site made the most money in 2017.



University Interscholastic League
A+ Maps/Graphs/Charts Contest • 2020-2021
7/8 Invitational District
Answer Key

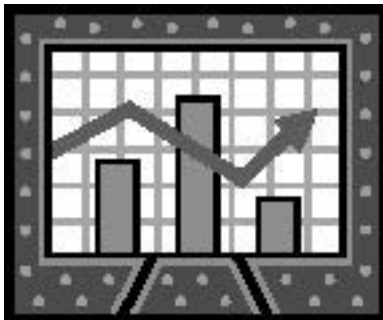
1. C	26. F	51. C
2. B	27. T	52. D
3. D	28. T	53. A
4. D	29. T	54. C
5. A	30. F	55. C
6. B	31. C	56. D
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8. B	33. B	58. C
9. C	34. B	59. B
10. A	35. A	60. A
11. C	36. C	61. C
12. A	37. D	62. D
13. B	38. D	63. D
14. A	39. C	64. D
15. D	40. B	65. B
16. B	41. F	66. C
17. B	42. F	67. C
18. A	43. T	68. B
19. B	44. T	69. D
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21. B	46. C	71. T
22. C	47. A	72. F
23. A	48. D	73. F
24. B	49. C	74. T
25. A	50. A	75. F

FALL/WINTER DISTRICT 2020-2021

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 5 & 6

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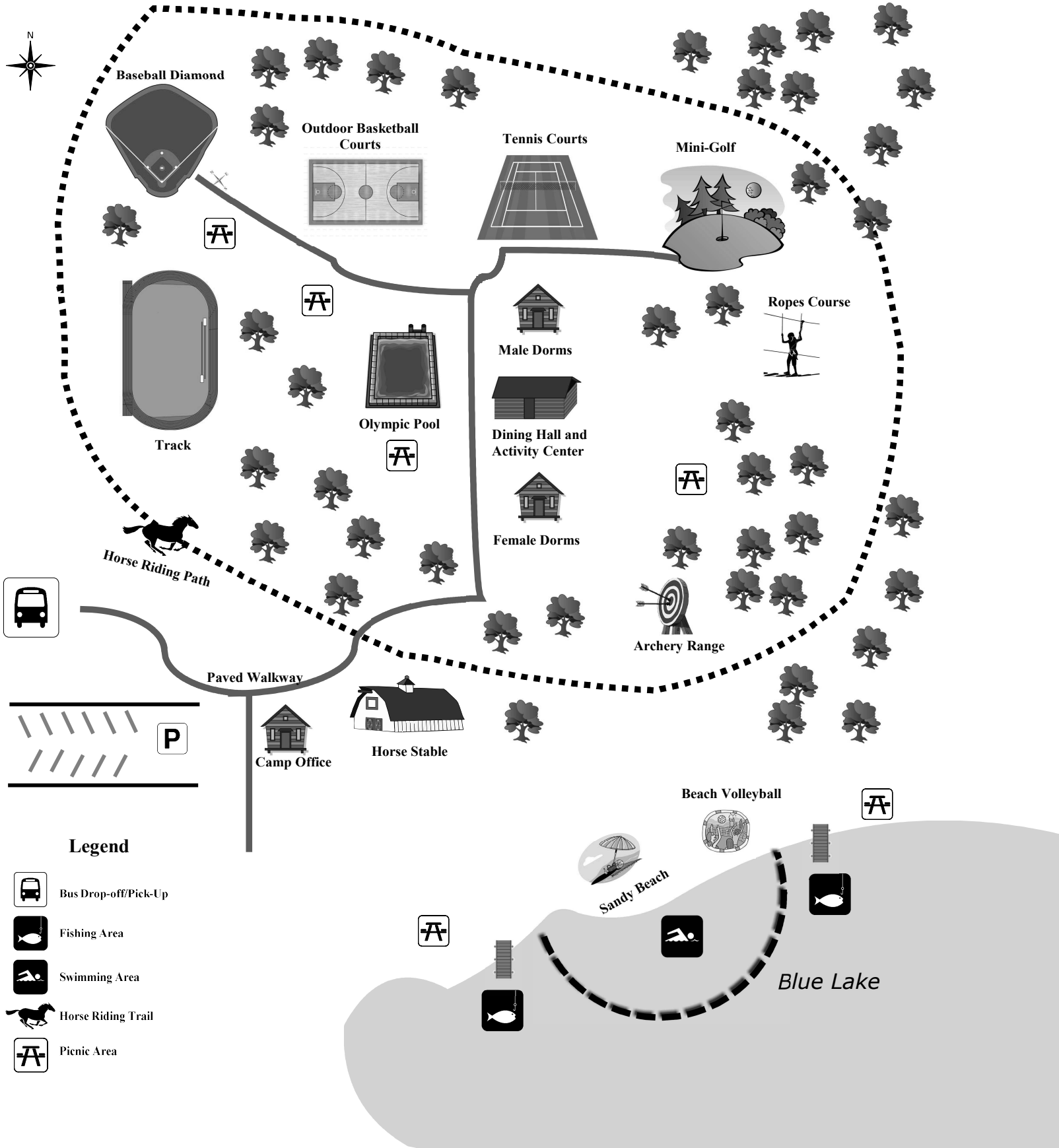
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Africa Political Relief Map

- Which of the following capitals is on the Atlantic coast?
 - Mogadishu
 - Lobito
 - Maputo
 - Luanda
- Which Nigerian city has the smallest population?
 - Lagos
 - Port Harcourt
 - Kano
 - Ibadan
- The Chari River flows into what lake?
 - Lake Chad
 - Lake Victoria
 - Lake Volta
 - Lake Nyasa
- The largest font on Political Relief maps are reserved for what feature?
 - Countries
 - Cities
 - Continents
 - Land features
- What city of over 1,000,000 can be found at 31°N?
 - Douala, Cameroon
 - Alexandria, Egypt
 - Malakal, South Sudan
 - Omdurman, Sudan
- Which African country is not on the Tropic of Cancer?
 - Iran
 - Algeria
 - Namibia
 - Western Sahara
- The Kalahari Desert is located in what country?
 - Botswana
 - Libya
 - Mali
 - Somalia
- The Canary Islands are part of what country?
 - France
 - Spain
 - United Kingdom
 - South Africa
- Madagascar is separated from the continent by what body of water?
 - Mozambique Channel
 - Red Sea
 - Gulf of Aden
 - Gulf of Guinea
- How many kilometers is it from Pretoria, South Africa to Port Elizabeth?
 - About 450km
 - About 550km
 - About 700km
 - About 1000km
- The second largest lake on the continent forms the border of what country?
 - Senegal
 - Botswana
 - Tanzania
 - Ethiopia
- Aswan High Dam is located in what part of Egypt?
 - Northwest
 - Southwest
 - Southeast
 - Northeast
- The equator runs through which of the following?
 - Atlas Mountains
 - Red Sea
 - Lake Victoria
 - Madagascar
- The Etosha Pan is an example of what?
 - Mountain range
 - Waterfall
 - Dam
 - Dry or seasonal lake
- Where is the country of Seychelles located?
 - In the Atlantic Ocean
 - In the Indian Ocean
 - In the Mediterranean Sea
 - None of the above

SANCHEZ SPORTS AND ACTIVITY CAMP

*Open May through September
Overnight and Day-camp options
Located 10 miles north of Central City
and 5 miles west of Capital City*



Legend

-  Bus Drop-off/Pick-Up
-  Fishing Area
-  Swimming Area
-  Horse Riding Trail
-  Picnic Area

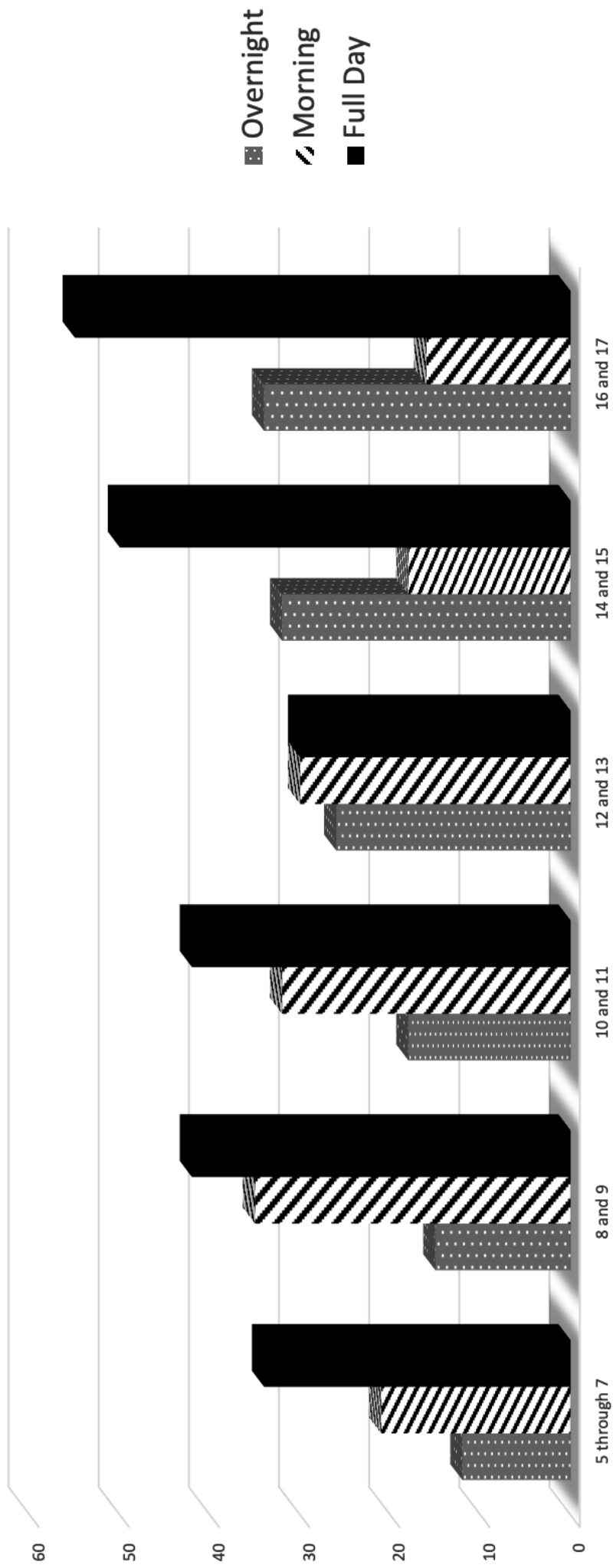
Sanchez Sports and Activity Camp

16. How many designated fishing areas are shown on the map?
- 0
 - 2
 - 4
 - 6
17. The paved walkway does not go by or lead to which activity center?
- Tennis courts
 - Baseball diamond
 - Ropes Course
 - Mini-Golf
18. Which feature runs around most of the other activity centers?
- Horse riding path
 - Paved walkway
 - Parking lot
 - Track
19. What is the scale of the map?
- One inch equals 100 yards
 - One centimeter equals 100 meters
 - One inch equals 300 centimeters
 - Not indicated
20. The Outdoor Basketball Courts are located where?
- Just west of the Baseball Diamond
 - Just south of the Olympic Pool
 - Just west of the Tennis Courts
 - South of the Ropes Course
21. Which of the following is not located on the lake shores?
- A picnic area
 - Sandy Beach
 - Dining Hall
 - Volleyball
22. Which of the following months is the camp closed?
- March
 - June
 - August
 - September
23. How far is it to the closest indicated town?
- 5 miles
 - 10 miles
 - 20 miles
 - Not indicated on the map
24. Which activity is the furthest south?
- Track
 - Tennis
 - Bowling
 - Archery
25. Which of the following is not on the map legend?
- Picnic area
 - Horse Stable
 - Fishing Area
 - Swimming Area

TRUE/FALSE

26. The camp is only open to overnight campers.
27. The dining hall is located between the two dorms.
28. Capital City is 10 miles west of the camp.
29. Students are dropped off and picked up by the bus in the same location.
30. There are more picnic areas than fishing areas.

Camper Information by Age and Type Summer 2019



Camper Information by Age and Type

31. What is represented on the Y axis?
- The year
 - The age group of campers
 - Type of camper
 - Number of campers in specified types
32. How many age groups are represented?
- 0
 - 6
 - 12
 - 18
33. What does the darkest column represent?
- Overnight campers
 - Full day campers
 - 16 and 17 year olds
 - 5 through 7 year olds
34. What category of camper always increases as the age group gets older?
- Overnight
 - Morning
 - Full day
 - None of the above
35. In the age group of 14 and 15, what category of camper type has the fewest participants?
- Overnight
 - Full day
 - Morning
 - A and B
36. Which group had the lowest number of morning campers?
- 5 through 7
 - 8 and 9
 - 10 and 11
 - 12 and 13
37. In how many categories were there more 5 through 7 year olds than 16 and 17 year olds?
- 0
 - 1
 - 2
 - 3
38. What amount of time is represented?
- One year
 - One season
 - One month
 - One week
39. How often were there less than 10 campers in an individual category?
- 0
 - 1
 - 2
 - 3
40. What age group had the highest total number of campers?
- 10 and 11
 - 12 and 13
 - 14 and 15
 - 16 and 17
- TRUE/FALSE**
41. The youngest group had the fewest overall number of campers.
42. There were more 16 and 17 year olds in all categories than the 14 and 15 group.
43. Full day campers numbers are always higher than any other category across all the age groups.
44. The 12 and 13-year-old age group had the least amount of variation in the different categories.
45. There were more than twice as many morning campers as overnight campers in the 8 and 9 age group.

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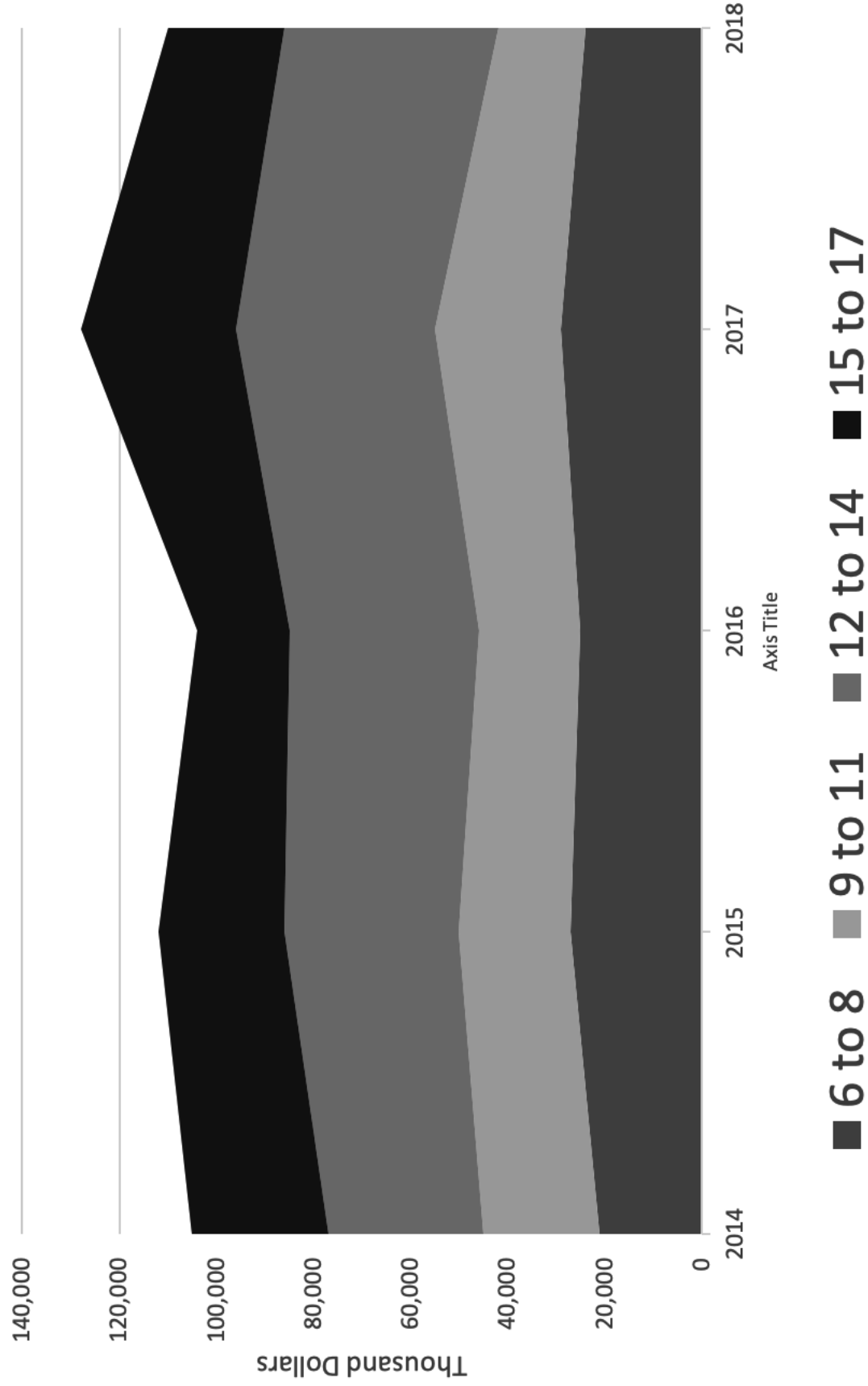
South America

46. What is the main climate category in Argentina?
- Tropical
 - Dry
 - Mild
 - Highland
47. What country has the largest population?
- Brazil
 - Ecuador
 - Venezuela
 - Bolivia
48. Which of the following does not have a capital indicated on the map?
- Venezuela
 - French Guiana
 - Peru
 - Paraguay
49. Which country has land on Tierra del Fuego?
- Peru
 - Colombia
 - Argentina
 - Uruguay
50. The Mato Grosso Plateau is located in what country?
- Bolivia
 - Suriname
 - Brazil
 - Ecuador
51. What is the elevation of Lake Titicaca?
- Over 20,000 feet
 - Between 10,000 to 20,000 feet
 - Between 5,000 to 10,000 feet
 - Between 2,000 to 5,000 feet
52. In what country can you find Tundra?
- Bolivia
 - Suriname
 - Colombia
 - None of the above
53. What does a blue line with two small black lines crossing it indicate?
- Dam
 - Seasonal River
 - Waterfall
 - Valley
54. How many South American countries have more than one capital?
- 0
 - 1
 - 2
 - 3
55. The capital of what country sits on the Equator?
- Bolivia
 - Suriname
 - Brazil
 - Ecuador

TRUE/FALSE

56. The Political Relief Map, the Land Cover Map and the Elevation map all have the same scale.
57. The island of San Ambrosio is controlled by Chile.
58. The highest elevations are near the west coast of the continent.
59. There are two gulfs located in eastern Argentina.
60. The Tapajos River is connected to the Amazon River.

Sanchez Sports Camp: Revenue By Year and Age Group



Sanchez Sports Camp Revenue Chart

61. What year was the most revenue generated?
- 2014
 - 2015
 - 2016
 - 2017
62. What is represented by the X axis?
- Revenue in dollars
 - Age groups
 - Year
 - Operating cost in dollars
63. What year did the 15 to 17-year-old age group generate the most revenue?
- 2014
 - 2015
 - 2016
 - 2017
64. How many age groups are represented?
- 1
 - 2
 - 3
 - 4
65. What year did the oldest age group generate the least amount of money?
- 2014
 - 2015
 - 2016
 - 2017
66. What does the lightest color in the chart represent?
- 2014
 - 2015
 - Age 9 to 11
 - Age 12 to 14

67. How many years are represented on the chart?
- 1
 - 3
 - 5
 - 7
68. What age group accounted for the most revenue in 2016?
- 6 to 8
 - 9 to 11
 - 12 to 14
 - 15 to 17
69. In 2014, how many age groups generated less than 20,000?
- 0
 - 1
 - 2
 - 3
70. In how many years did revenue exceed \$120,000 revenue?
- 0
 - 1
 - 2
 - 3

TRUE/FALSE

71. 2016 saw lowest revenue generation in every age group.
72. Total revenue never fell below \$100,000.
73. 15 to 17-year-old campers generated more revenue in every year than the 9 to 11-year-old age group.
74. Overall revenue increased in every odd year compared to the previous year.
75. The colors on the chart are stacked from the lowest being the youngest to the highest being the oldest.



University Interscholastic League
A+ Maps/Graphs/Charts Contest • 2020-2021
5/6 Fall District
Answer Key

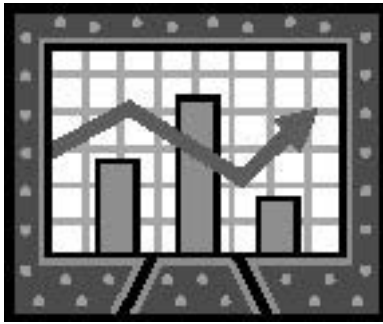
- | | | |
|--------------|--------------|--------------|
| 1. D | 26. F | 51. B |
| 2. B | 27. T | 52. A |
| 3. A | 28. F | 53. C |
| 4. C | 29. T | 54. B |
| 5. B | 30. T | 55. D |
| 6. C | 31. D | 56. F |
| 7. A | 32. B | 57. T |
| 8. B | 33. B | 58. T |
| 9. A | 34. A | 59. T |
| 10. D | 35. C | 60. T |
| 11. C | 36. A | 61. D |
| 12. C | 37. B | 62. C |
| 13. C | 38. B | 63. D |
| 14. D | 39. A | 64. D |
| 15. B | 40. D | 65. C |
| 16. B | 41. T | 66. C |
| 17. C | 42. F | 67. C |
| 18. A | 43. F | 68. C |
| 19. D | 44. T | 69. A |
| 20. C | 45. T | 70. B |
| 21. C | 46. B | 71. F |
| 22. A | 47. A | 72. T |
| 23. A | 48. B | 73. F |
| 24. D | 49. C | 74. T |
| 25. B | 50. C | 75. T |

FALL/WINTER DISTRICT 2020-2021

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 7 & 8

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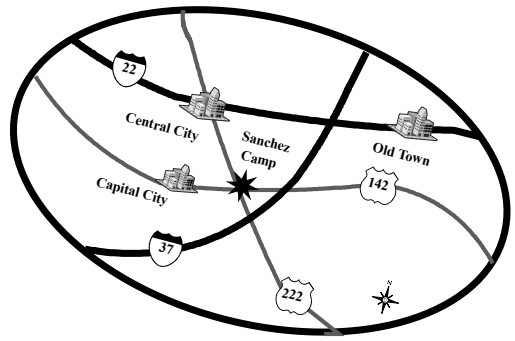
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Europe

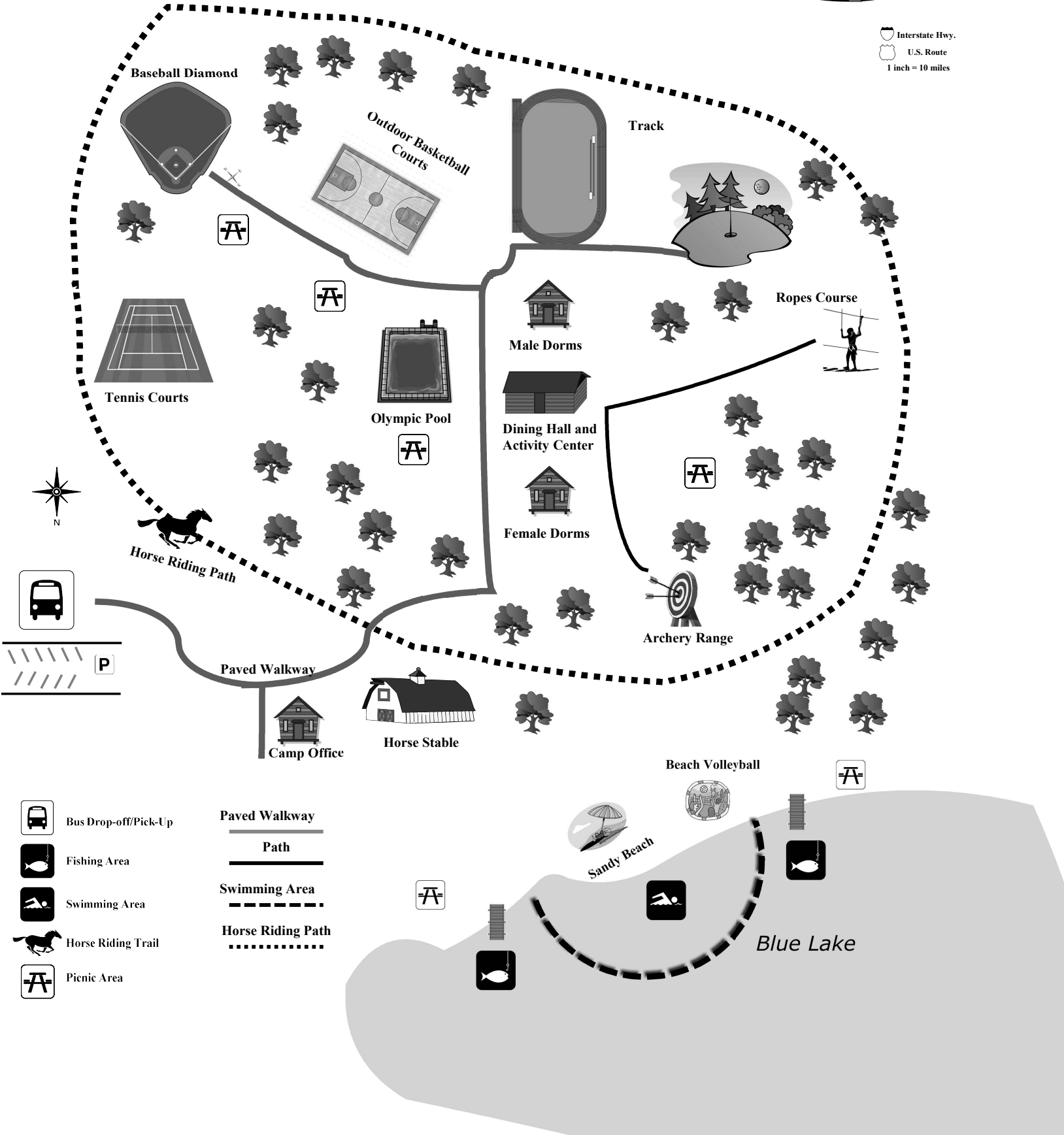
- How much of the Netherlands is below sea level?
 - About 10%
 - About 25%
 - About 60%
 - About 75%
- What part of Europe is the least densely populated country located?
 - Southwest
 - Northwest
 - Southwest
 - Northeast
- Which of the following is not part of the Caucasus?
 - Greece
 - Russia
 - Georgia
 - Armenia
- The Gulf of Lion is off the coast of what country?
 - Russia
 - Norway
 - Croatia
 - France
- Which of the following can be found in Ireland?
 - Coal
 - Tin
 - Uranium
 - Zinc
- What do the orange lines on the elevation map indicate?
 - Elevation differences
 - International boundaries
 - Continental boundary
 - Territorial boundary
- What land feature separates the European section of Russia from Siberia?
 - Volga River
 - Ural Mountains
 - Baltic Sea
 - Strait of Dover
- The Oder River forms part of the border of what country?
 - Poland
 - Finland
 - Russia
 - Belarus
- Which country is a candidate member of the E.U.?
 - Russia
 - Hungary
 - Slovakia
 - Turkey
- How far is it from Tartu, Estonia to Pskov, Russia?
 - About 75 kilometers
 - About 125 kilometers
 - About 200 kilometers
 - About 150 miles
- Where can wetlands be found?
 - Sicily
 - Iberian Peninsula
 - Caspian Depression
 - Sardinia
- Which country gets most of its electric from nuclear power?
 - France
 - Germany
 - Norway
 - Poland
- The Balearic Islands are part of what country?
 - Ukraine
 - Finland
 - Spain
 - Bulgaria
- Canals can be found just north of what country capital?
 - Kiev, Ukraine
 - Essen, Germany
 - Oslo, Norway
 - Moscow, Russia
- Most Russian land is in what continent?
 - Europe
 - Asia
 - Africa
 - The Arctic

SANCHEZ SPORTS AND ACTIVITY CAMP

Open May through September
Overnight and Day-camp options
Daily buses routes from
Central City and Capital City



Interstate Hwy.
 U.S. Route
1 inch = 10 miles



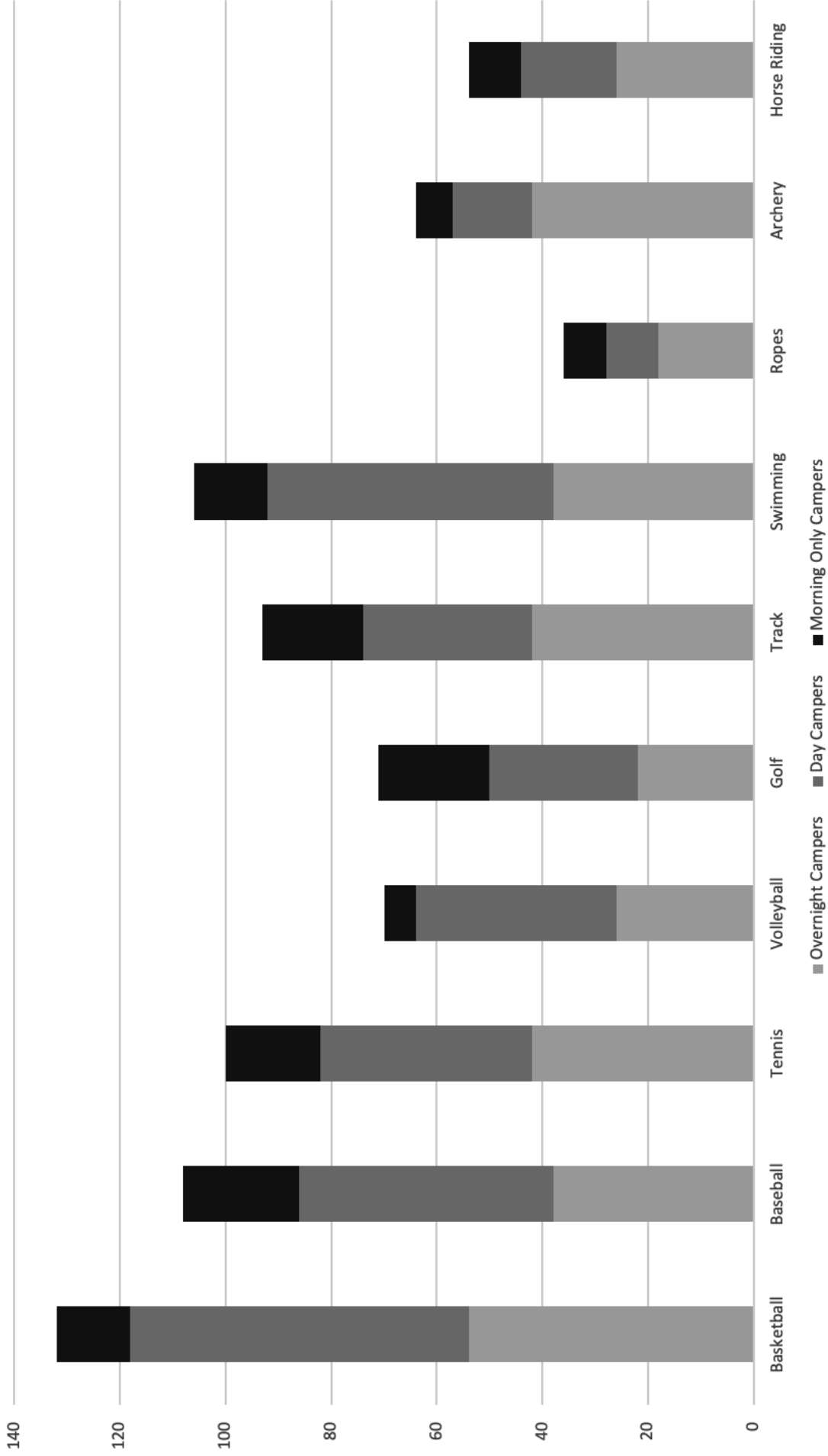
- Bus Drop-off/Pick-Up
- Fishing Area
- Swimming Area
- Horse Riding Trail
- Picnic Area

- Paved Walkway
- Path
- Swimming Area
- Horse Riding Path

Sanchez Sports and Activity Camp Map

16. How far is it from Central City to the sports camp?
- About 1 mile
 - About 5 miles
 - About 10 miles
 - About 20 miles
17. What does the line that leads from the Dining Hall to the Ropes Course indicate?
- U.S. Route
 - Interstate Highway
 - Path
 - Paved walkway
18. What activity is located the furthest west?
- Ropes course
 - Tennis courts
 - Track
 - Archery
19. What is the quickest route to the camp from Capital City?
- Head south on U.S. Route 222
 - Head East on Interstate Hwy. 142
 - Head West on Interstate Hwy. 142
 - Head East on U.S. Route 142
20. How many picnic areas are north of the pool?
- 0
 - 2
 - 4
 - 8
21. The Horse Riding Trail crosses which of the following?
- Interstate Highway
 - Swimming area
 - Paved Walkway
 - Path
22. How many cities have daily bus routes?
- 0
 - 1
 - 2
 - 3
23. What area of the map is the parking lot located?
- Southwest
 - Northwest
 - Northeast
 - Southwest
24. How far is it from Sandy Beach to the Baseball Field?
- About 70 yards
 - About 700 yards
 - About 7 miles
 - Scale not indicated
25. How many months is the camp closed?
- 5
 - 7
 - 9
 - 12
- TRUE/FALSE**
26. The swimming area in the lake sits between two fishing areas.
27. The female dorms are just north of the Dining Hall and Activity Center.
28. The camp is located at the junction of Interstate Hwy. 222 and Interstate Hwy. 142.
29. The Archery Range and Ropes Course are connected by a paved walkway.
30. The Horse Riding Path circles around every activity center.

Camp Activities Participation by Camper Type



Camp Activities Participation by Camper Type

31. What time span is covered by the chart?
- One month
 - One summer
 - One year
 - Not indicated
32. What does each column represent?
- A single year
 - A type of camper
 - An activity
 - None of the above
33. What activity had the highest overall participation?
- Basketball
 - Swimming
 - Archery
 - Baseball
34. How many categories of campers are represented?
- 10
 - 6
 - 3
 - 1
35. The highest amount of Ropes participants were what kind of camper?
- Overnight
 - Day Campers
 - Morning only
 - Afternoon Only
36. Which activity had the fewest participants for morning only campers?
- Ropes
 - Horse Riding
 - Volleyball
 - Swimming
37. How many activities had the highest number of participants come from morning only campers?
- 0
 - 1
 - 2
 - 3
38. What does the Y axis represent?
- Year
 - Activity
 - Number of participants
 - Type of participant
39. How many activities had total participation numbers over 100?
- 0
 - 1
 - 2
 - 3
40. What activity has the least amount of variation in participation among the different camper types?
- Ropes
 - Golf
 - Volleyball
 - Archery
- TRUE/FALSE**
41. The majority of basketball participants were day campers.
42. The Ropes activity had the fewest number of participants for each of the camper types.
43. The lowest participation for day campers was in archery.
44. Morning only campers had the lowest overall numbers.
45. The highest single source of participation came from basketball day campers.

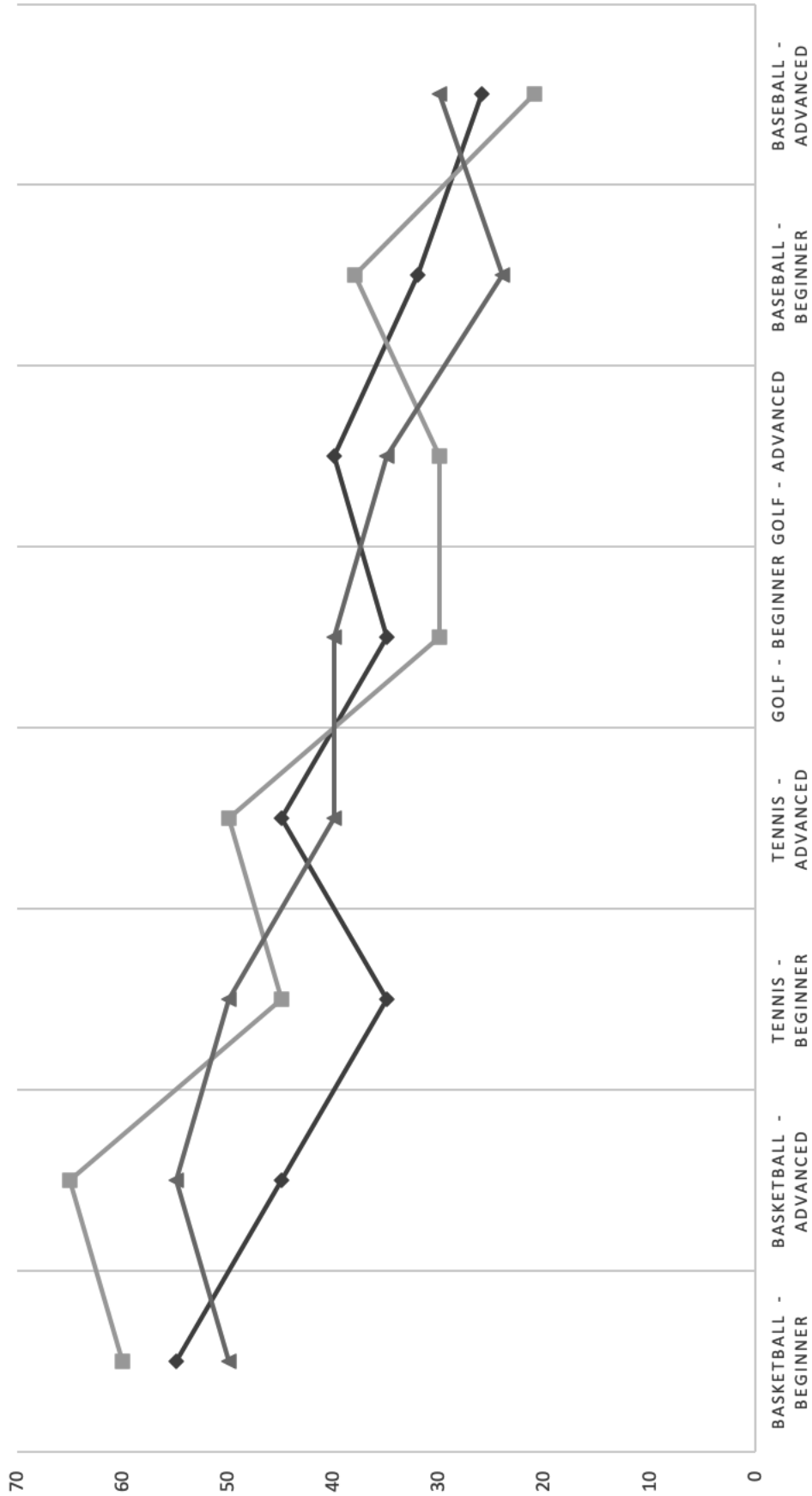
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Australia and Oceania

46. What is the elevation level of Lake Eyre?
- Below sea level
 - 0 to 150 meters
 - 150 to 300 meters
 - 500 to 1,000 meters
47. What is the world's oldest continuous culture?
- Aborigines
 - Melanesians
 - Micronesians
 - Polynesians
48. Which city is closest to the Tropic of Cancer?
- Nanning, China
 - Changsha, China
 - Macau, China
 - Guangzhou, China
49. In Australia, which of the following economic uses of land accounts for the most area?
- Urban
 - Commercial Farming
 - Subsistence farming
 - Ranching or herding
50. Tarawa is the capital of what country?
- Solomon Islands
 - Kiribati
 - Palau
 - Indonesia
51. Which of the following is a day behind the others?
- French Polynesia
 - Solomon Islands
 - Palau
 - Cambodia
52. What do the solid colored lines on the political relief map represent?
- Continental boundaries
 - State/Territory boundaries
 - Official international boundaries
 - Which islands have the same government
53. Which Australian state has the largest area
- South Australia
 - Western Australia
 - Northern Territory
 - Victoria
54. The Australian Alps are part of what land feature?
- Great Australian Bight
 - Western Plateau
 - Great Dividing Range
 - Macdonnell Ranges
55. What is the coldest month in Australia?
- January
 - February
 - July
 - December
56. The ethnic composition in New Zealand is mainly what?
- European
 - Maori
 - Asian
 - Other
57. Which of the following countries has land on two continents?
- Australia
 - Tonga
 - Thailand
 - Indonesia
58. What part of Australia gets the most precipitation?
- The Outback
 - The southern coast
 - The western coast
 - The eastern coast
59. Which of the following is not a seasonal lake?
- Lake Argyle
 - Lake Barlee
 - Lake Eyre
 - Lake Gairdner
60. The western half of New Guinea is part of country?
- Australia
 - Papua New Guinea
 - Indonesia
 - China

CAMP REGISTRATIONS BY ACTIVITY AND LEVEL

2017 2018 2019



Camp Registrations by Activity and Level

61. How many advanced basketball registrations were there in 2016?
- 45
 - 65
 - 55
 - Not indicated
62. What year had the most beginner baseball registrations?
- 2016
 - 2017
 - 2018
 - 2019
63. Which of the following had the highest number of registrations for all years combined?
- Golf advanced
 - Tennis beginner
 - Baseball beginner
 - Golf beginner
64. In how many years was the beginner basketball group the largest?
- 0
 - 1
 - 2
 - 3
65. What does the line with the triangular points represent?
- 2016
 - 2017
 - 2018
 - 2019
66. How many categories saw an increase in registration every year?
- 0
 - 1
 - 2
 - 3
67. How many levels for each activity are represented?
- 0
 - 1
 - 2
 - 3
68. In how many years were there more beginner golf registrations than advanced golf registrations?
- 0
 - 1
 - 2
 - 3
69. Which of the following had a decrease in registrations in 2019 from 2018?
- Golf beginner
 - Baseball beginner
 - Tennis beginner
 - Baseball advanced
70. What advanced sport had the lowest registration in 2019?
- Basketball
 - Baseball
 - Golf
 - Tennis
- TRUE/FALSE**
71. There are always more advanced tennis than beginner tennis players.
72. The advanced baseball registrants had the lowest numbers more often than any other category.
73. The three year totals for the advanced golf and beginner golf groups were about the same.
74. 2018 was the best year for the beginner tennis group.
75. 2018 saw higher numbers in more categories than any other year.



University Interscholastic League
A+ Maps/Graphs/Charts Contest • 2020-2021
7/8 Fall District
Answer Key

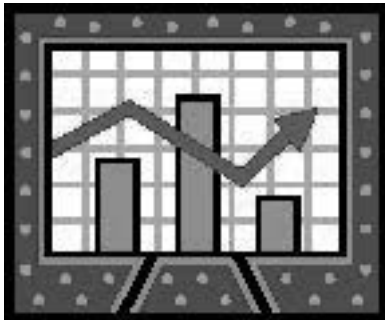
1. B	26. T	51. A
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4. D	29. F	54. C
5. D	30. F	55. C
6. B	31. D	56. A
7. B	32. C	57. D
8. A	33. A	58. D
9. D	34. C	59. A
10. B	35. A	60. C
11. C	36. C	61. D
12. A	37. A	62. C
13. C	38. C	63. B
14. D	39. D	64. B
15. B	40. B	65. D
16. C	41. T	66. B
17. C	42. F	67. C
18. A	43. F	68. B
19. D	44. T	69. B
20. C	45. T	70. B
21. C	46. A	71. F
22. C	47. A	72. T
23. C	48. D	73. T
24. D	49. D	74. F
25. B	50. B	75. T

SPRING DISTRICT 2020-2021

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 5 & 6

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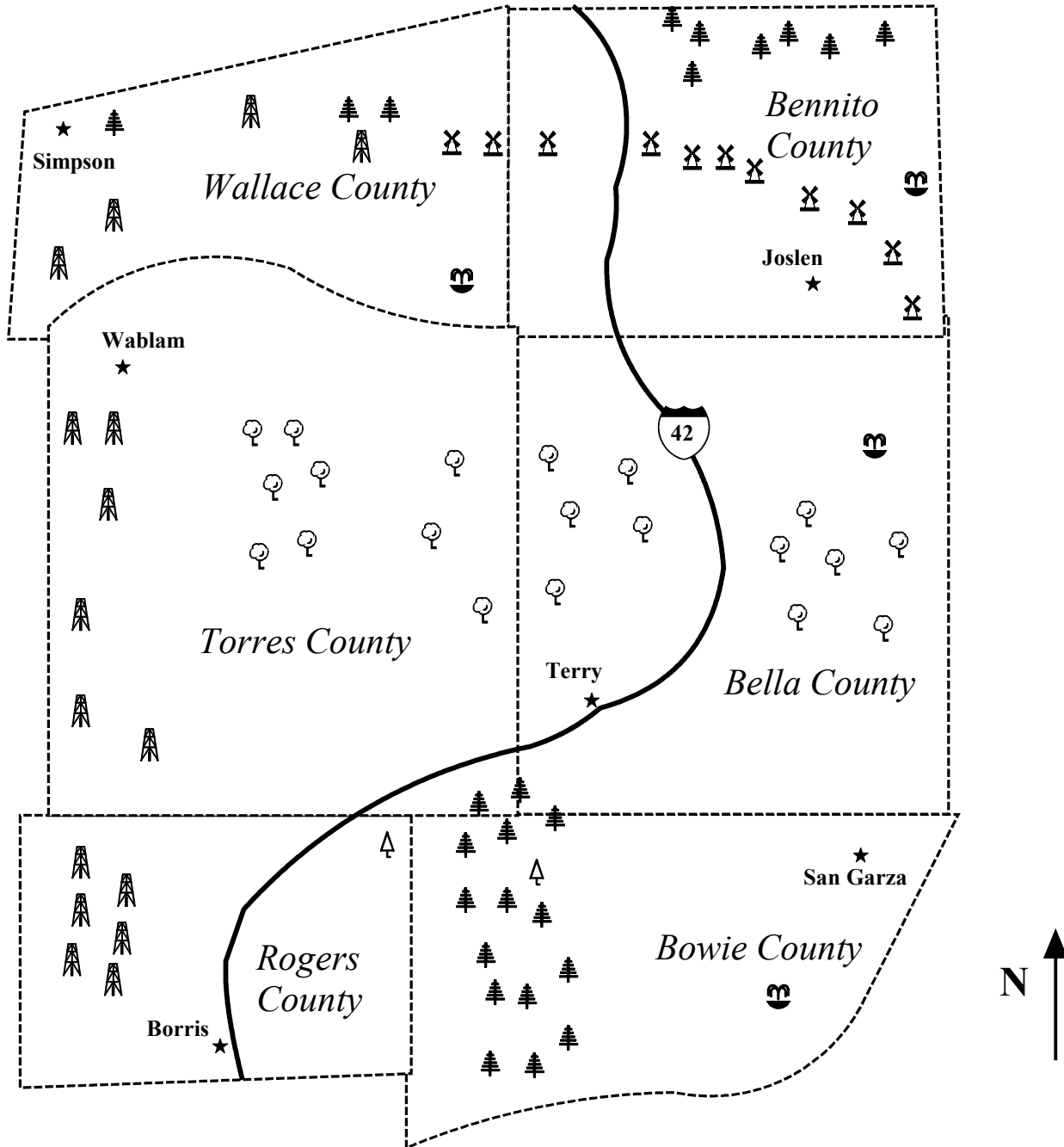
Asia Political Relief Map

- Which of the following rivers is located in the Deccan Plateau?
 - Godavari
 - Syr Darya
 - Songhua
 - Tigris
- The capital of what country can be found on the Tropic of Cancer?
 - China
 - Malaysia
 - Oman
 - Japan
- Which city has the smallest population?
 - Almaty, Kazakhstan
 - Davao, Philippines
 - Herat, Afghanistan
 - Tabriz, Iran
- Which Asian country has territory above the Arctic Circle?
 - Norway
 - Mongolia
 - Finland
 - Russia
- A series of canals are indicated in what part of India?
 - Southwest
 - Northwest
 - Northeast
 - Southeast
- The International Date Line runs through which of the following?
 - Baltic Sea
 - Persian Gulf
 - Gulf of Anadyr
 - Celebes Sea
- The Turan Lowlands do not occupy which of the following countries?
 - Kyrgyzstan
 - Turkmenistan
 - Uzbekistan
 - Kazakhstan
- What city is located at 34.3853° N, 132.4553° E?
 - Xian, China
 - Hiroshima, Japan
 - Esfahan, Iran
 - Khabarovsk, Russia
- A disputed boundary can be found on the border of which country?
 - Pakistan
 - Oman
 - Syria
 - All of the above
- Which of the following is indicated as a small country?
 - Kyrgyzstan
 - East Timor
 - Singapore
 - Beirut
- The Hindu Kush is located in what country?
 - India
 - South Korea
 - Azerbaijan
 - Afghanistan
- How far is it from the capital of Syria to the capital of Iraq?
 - About 500 kilometers
 - About 750 kilometers
 - About 1,000 kilometers
 - About 1,500 kilometers
- What is the population of Sibiu, Malaysia?
 - Under 500,000
 - 500,000 to 1,000,000
 - Over 1,000,000
 - Over 2,000,000
- The New Siberian Islands are part of what country?
 - Russia
 - Indonesia
 - India
 - Turkey
- Which of the following forms a border between continents?
 - Yellow Sea
 - Ob River
 - Java Sea
 - Caucasus Mountains

Southwestern Counties Natural Resource Map

Legend	
	Interstate 42
	County line
	Wind Turbine
	Timber
	Paper Mill
	Oil
	Hydroelectric Plant
	Cotton Farm
	County Seaty

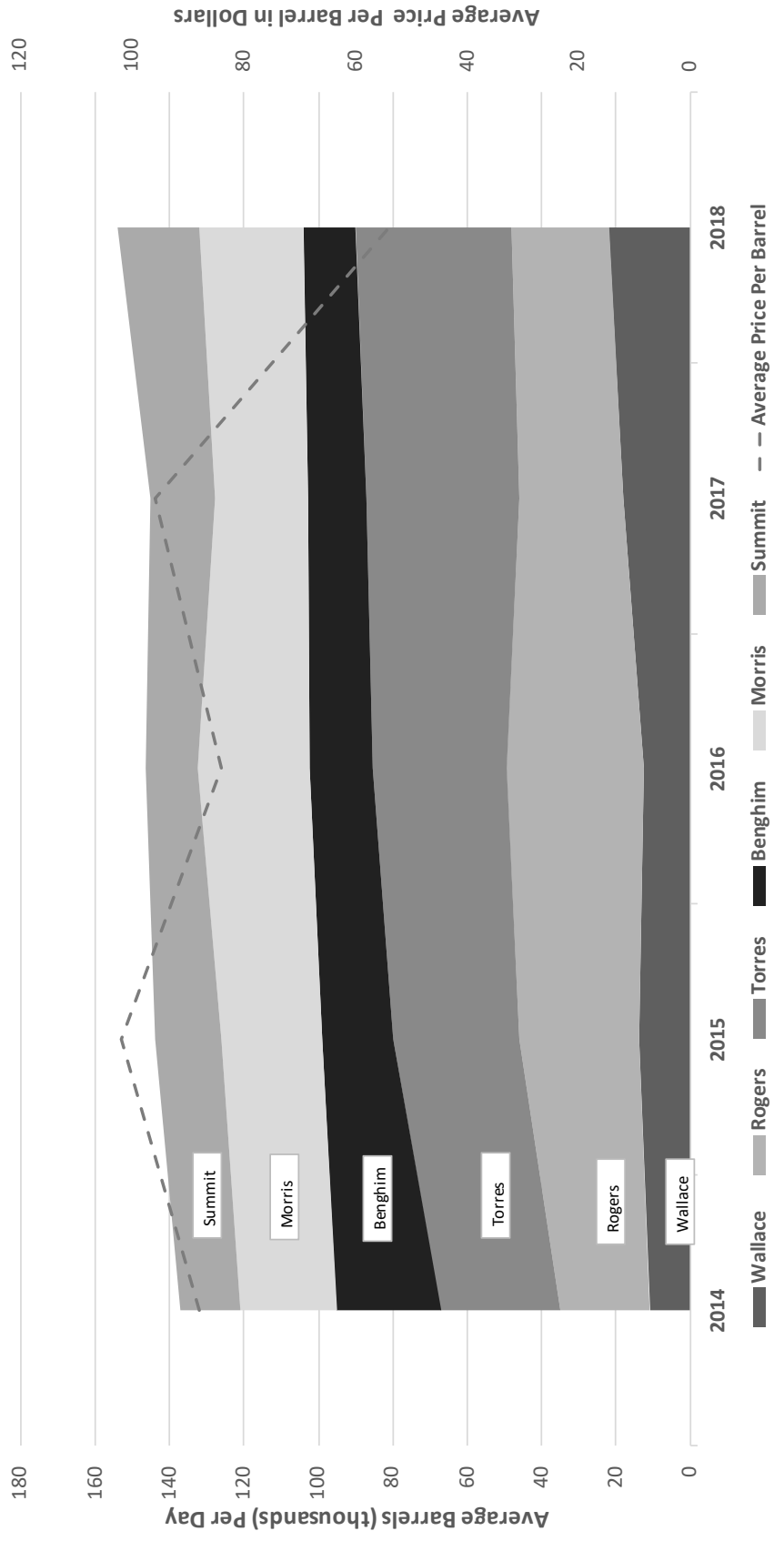
1 inch = 10 miles



Southwestern Counties Natural Resources Map

16. How many counties are represented?
- 0
 - 2
 - 4
 - 6
17. What does the solid black line represent?
- Dirt road
 - Canal
 - Paved walkway
 - Interstate Highway
18. How far is it from Terry to San Garza?
- About 10 miles
 - About 20 miles
 - About 30 miles
 - About 40 miles
19. How many mines are shown on the map?
- 0
 - 3
 - 4
 - 5
20. What county seat is the furthest south?
- Bowie
 - Rogers
 - Terry
 - Joslen
21. Interstate 42 runs through how many counties on the map?
- 0
 - 3
 - 4
 - 6
22. How many paper mills are located in Bowie County?
- 1
 - 3
 - 5
 - 7
23. How many types of resources are located in Torres County?
- 0
 - 2
 - 4
 - 6
24. In how many counties is oil present?
- 1
 - 3
 - 5
 - 6
25. What resource is found the most often on the map?
- Cotton
 - Oil
 - Wind Turbine
 - Paper Mill
- TRUE/FALSE**
26. The most plentiful resource in Wallace county is Timber.
27. Bennito Country has bigger variety of resources than any other county.
28. The county seat in Bowie is located in the northeastern portion of the county.
29. All oil resources are located on the western half of the map.
30. Timber is the resource found in the most counties.

Oil Production in the Southwestern Counties



Oil Production in the Southwestern Counties

31. What is the first year indicated on the chart?
- 2016
 - 2018
 - 2017
 - 2014
32. What does the dotted line represent?
- The year
 - Average number of barrels per day
 - Average price per barrel
 - Oil production county
33. How many counties are represented on the graph?
- 0
 - 2
 - 6
 - 7
34. What county does the darkest area of the chart represent?
- Benghim
 - Morris
 - Summit
 - None of the above
35. What year had the highest combined production?
- 2018
 - 2017
 - 2016
 - 2015
36. What year had the highest average price per barrel?
- 2018
 - 2017
 - 2016
 - 2015
37. What year did Morris county produce the most?
- 2014
 - 2017
 - 2016
 - 2015
38. How often did the price fall below \$90 per barrel?
- 0
 - 1
 - 2
 - 3
39. What county produced the most in 2014?
- Wallace
 - Rogers
 - Torres
 - Benghim
40. What information is found on the X axis?
- The year
 - Average number of barrels per day
 - Average price per barrel
 - Oil production county
- TRUE/FALSE**
41. Torres county had the highest production the most years.
42. The year of lowest production had the highest average price per barrel.
43. Benghim production decreased every year.
44. Two counties increased production every year.
45. Oil production is represented in thousand barrels per year.

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Antarctica and the Arctic

46. Which country has the highest amount of continuous permafrost?

- a. North America
- b. Sweden
- c. Finland
- d. Russia

47. Which has the coldest temperatures?

- a. The Arctic in January
- b. The Arctic in August
- c. Antarctica in January
- d. Antarctica in August

48. Which of the following is NOT a circle of latitude?

- a. Prime Meridian
- b. Tropic of Cancer
- c. Arctic Circle
- d. Tropic of Capricorn

49. What is the elevation, in meters, of the highest point in either The Arctic or Antarctica?

- a. Over 4,000
- b. Between 2,000 to 4,000
- c. Between 600 to 1,500
- d. Between 300 to 600

50. Greenland is part of what continent?

- a. Europe
- b. North America
- c. Asia
- d. Australia

51. The Kolyma Range is in what country?

- a. Russia
- b. North America
- c. Canada
- d. None of the above

52. What percentage of the Earth's land is covered in permafrost?

- a. About 10%
- b. About 15%
- c. About 25%
- d. About 35%

53. Which country has a research station closest to the South Pole?

- a. Russia
- b. United States
- c. Finland
- d. Canada

54. What does the white area with blue lines within the Arctic Circle indicate?

- a. Glacier
- b. Tundra
- c. Permafrost
- d. Sea Ice

TRUE/FALSE

55. The largest ocean in the Arctic is larger than the largest one in Antarctica.

56. The Prime Meridian runs through both the South Pole and the North Pole.

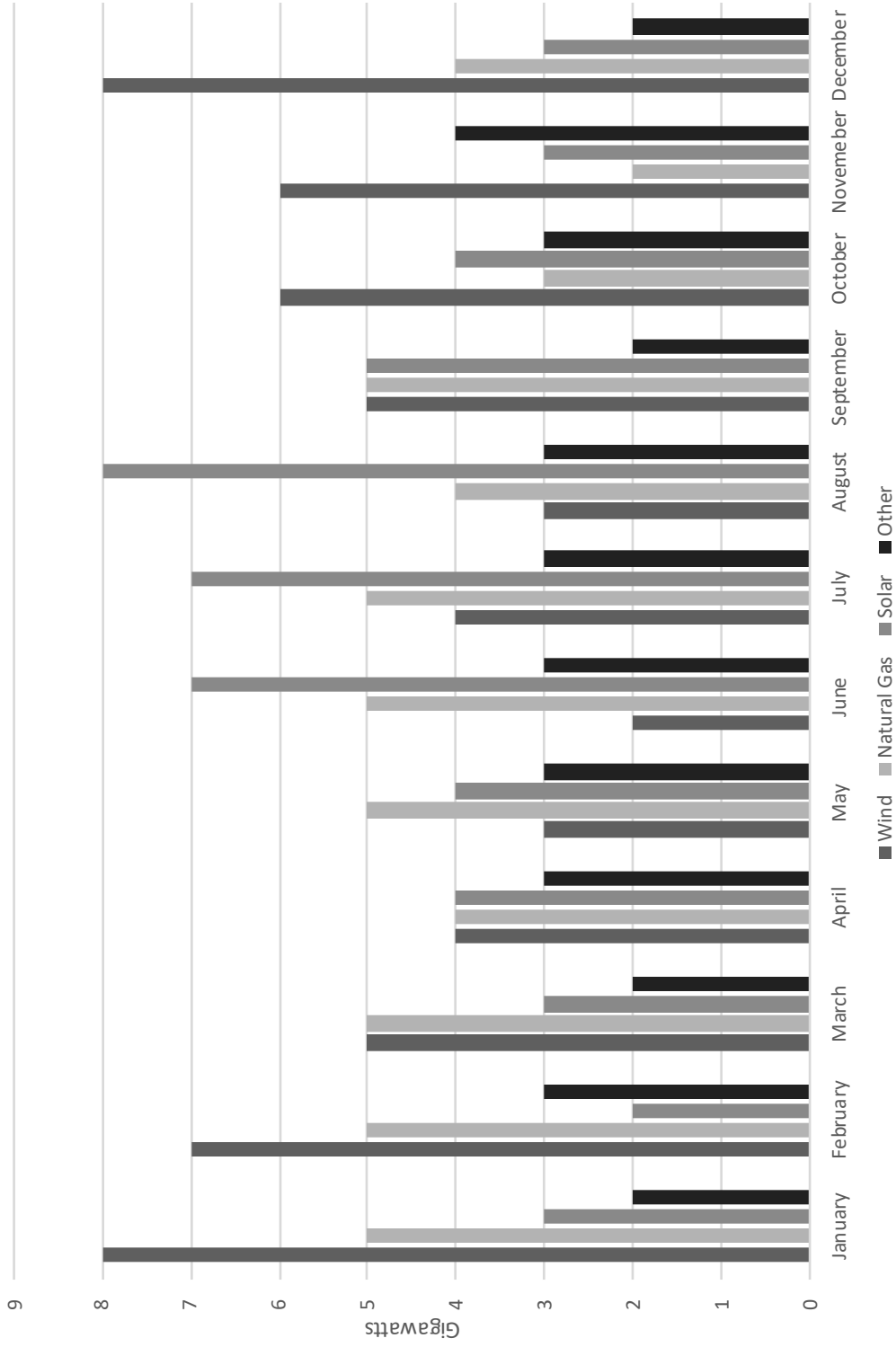
57. The southern coast of the Scandinavian Peninsula is mainly cropland.

58. The ice cap on the Polar Plateau is up to 4 miles thick.

59. Calving creates icebergs.

60. Most of the sea ice in the Arctic Circle lasts through September.

Electricity Generation By Type



Electricity Generation by Type

61. What span of time is covered by the graph?
- One week
 - One month
 - One year
 - Four years
62. What does the Y axis represent?
- The year
 - The month
 - Gigawatts
 - Revenue in dollars
63. What month did wind generate the most electricity?
- January
 - March
 - April
 - August
64. What generated the least amount of electricity in November?
- Wind
 - Natural Gas
 - Solar
 - Other
65. In how many months did wind generate more electricity than any other method?
- 4
 - 5
 - 7
 - 9
66. What does the darkest column on the graph represent?
- Wind
 - Natural Gas
 - Solar
 - Other
67. In how many months did total gigawatts for all methods combined exceed 20?
- 0
 - 2
 - 3
 - 4
68. How many methods of electricity production hit at least eight gigawatts in a single month?
- 0
 - 2
 - 3
 - 4
69. How many times did solar produce more electricity than natural gas?
- 1
 - 3
 - 5
 - 7
70. What level of data is represented here?
- County-wide
 - State-wide
 - Nation-wide
 - Information not stated
- TRUE/FALSE**
71. Every method of energy production produced at least two gigawatts a month.
72. Solar produced the most amount in the winter.
73. Wind had its lowest number of gigawatts produced in June.
74. In January, wind produced more electricity than all the other methods combined.
75. The highest month of electricity generation from solar was the lowest month for wind.



University Interscholastic League
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5/6 Spring District
Answer Key

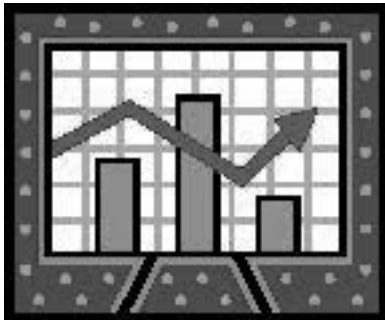
1. A	26. F	51. A
2. C	27. F	52. C
3. C	28. T	53. B
4. D	29. T	54. D
5. B	30. T	55. F
6. C	31. D	56. T
7. A	32. C	57. F
8. B	33. C	58. F
9. A	34. A	59. T
10. C	35. A	60. T
11. D	36. D	61. C
12. A	37. C	62. C
13. A	38. D	63. A
14. A	39. C	64. B
15. D	40. A	65. B
16. D	41. T	66. D
17. D	42. F	67. A
18. B	43. T	68. B
19. A	44. F	69. C
20. C	45. F	70. D
21. C	46. D	71. T
22. A	47. D	72. F
23. B	48. A	73. T
24. B	49. A	74. F
25. A	50. B	75. F

SPRING DISTRICT 2020-2021

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 7 & 8

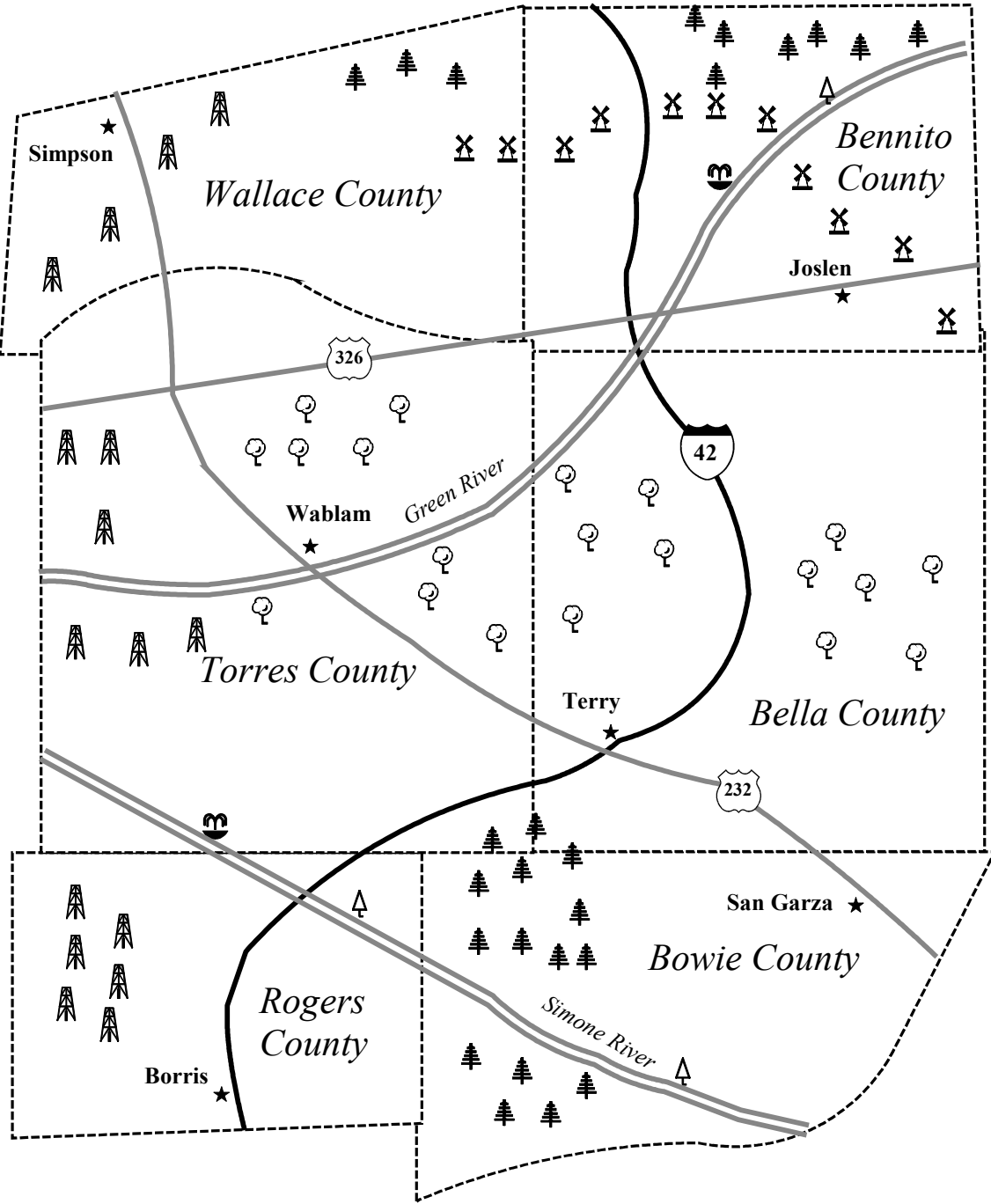
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South America

- The Serra do Espinhaço runs through what country?
 - Brazil
 - Colombia
 - Uruguay
 - Bolivia
- Tundra is not found in which of the following countries?
 - Argentina
 - Bolivia
 - Chile
 - Suriname
- One inch equals the least amount of miles on which of the following maps?
 - Political Relief Map
 - Land Cover Map
 - Elevation Map
 - All are the same scale
- What is the predominate land use in northern Chile?
 - Commercial farming
 - Subsistence farming
 - Forestry
 - No widespread use
- How far is it from Manaus, Brazil to Boa Vista, Brazil?
 - About 400 kilometers
 - About 500 kilometers
 - About 200 miles
 - About 600 miles
- Which country has a higher birth rate than the world birth rate average?
 - Bolivia
 - Brazil
 - Peru
 - None of the above
- Which country is the most densely populated?
 - Brazil
 - Guyana
 - Ecuador
 - Argentina
- The Iguazu Falls are located on the border of what country?
 - Argentina
 - Guyana
 - Venezuela
 - Costa Rica
- The capital of Argentina lies at what elevation?
 - 0 to 500 feet
 - 500 to 1,000 feet
 - 1,00 to 2,000 feet
 - Over 20,000 feet
- What percentage of modern medicines were developed from rain forest plants?
 - About 10 percent
 - About 15 percent
 - About 20 percent
 - About 25 percent
- The Galapagos Islands are a territory of what country?
 - Brazil
 - France
 - England
 - Ecuador
- Which Colombian city has the smallest population?
 - Bello
 - Cartagena
 - Iquitos
 - Cali
- The Mouth of the Amazon is part of what body of water?
 - The Caribbean Sea
 - Scotia Sea
 - Pacific Ocean
 - Atlantic Ocean
- Which country has the highest percentage of descendants of indigenous South Americans?
 - Brazil
 - Columbia
 - Bolivia
 - Chile
- Which energy resource can be found in Suriname?
 - Aluminum
 - Copper
 - Gold
 - Iron

Southwestern Counties Natural Resource Map



Legend

- River
- Rural Road
- Interstate
- County line
- Wind Turbine
- Timber
- Paper Mill
- Oil Derrick
- Hydroelectric Plant
- Cotton Farm
- County Seat

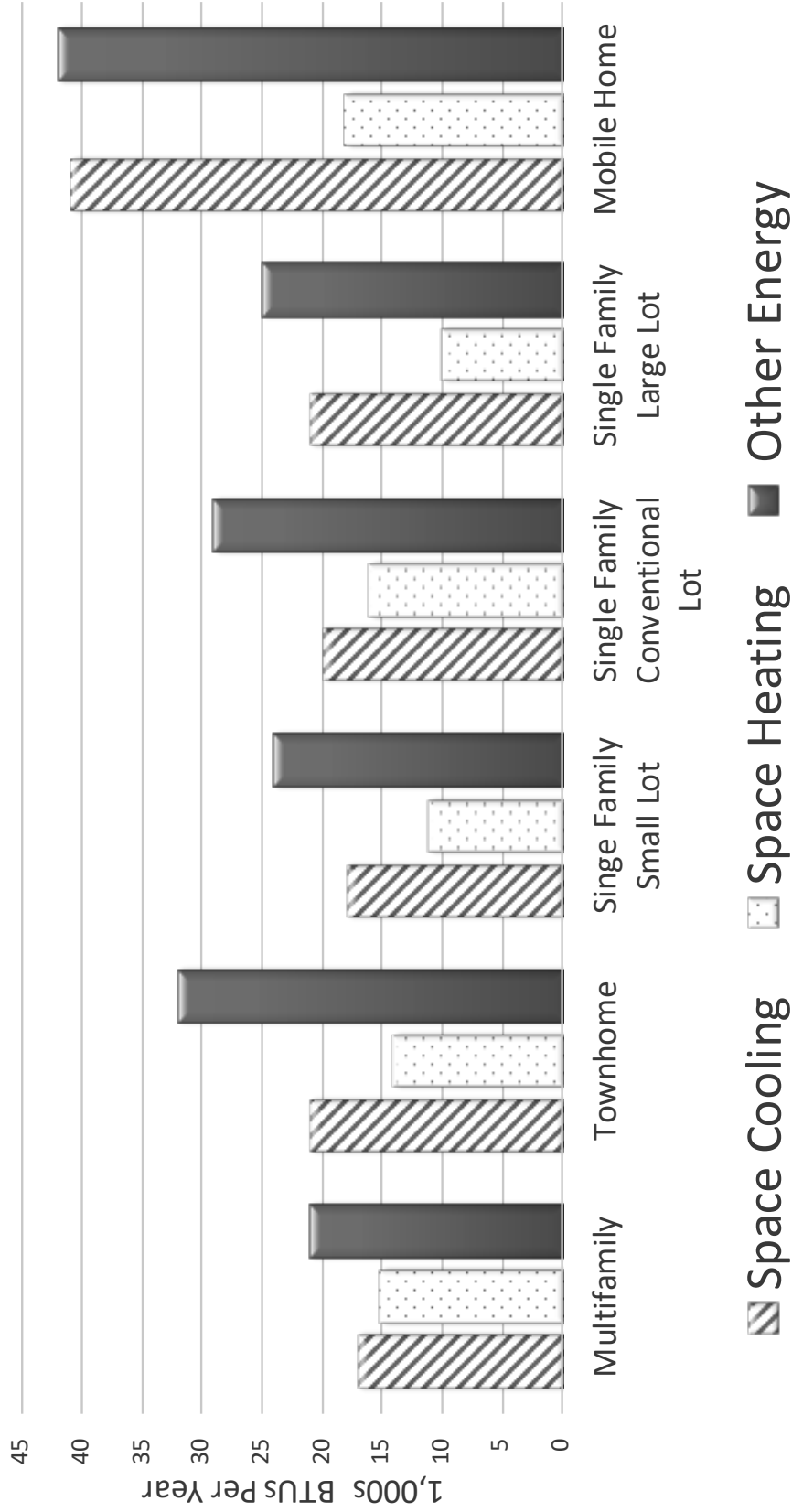
1 inch = 10 miles



Natural Resources Map

16. What do the double gray lines represent?
- Interstates
 - Rural roads
 - County Lines
 - Rivers
17. How far is it from the Torres county seat to the Bowie county seat?
- About 10 miles
 - About 20 miles
 - About 30 miles
 - About 40 miles
18. What resource can be found in the southwestern corner of the map?
- Timber
 - Oil
 - Cotton
 - Wind Turbine
19. What is the quickest route to get from San Garza to Wablam?
- Head south on Rural Route 232
 - Head south on Interstate 232
 - Head north on Rural Route 232
 - Head north on Interstate 232
20. How many hydroelectric plants are located on the Green River?
- 0
 - 1
 - 2
 - 3
21. Which of the following can be found in the western counties?
- Cotton
 - Oil
 - Wind Turbines
 - Paper Mills
22. Which rural road runs mostly east and west?
- 42
 - 232
 - 326
 - None of the above
23. How many counties on the map are connected by an interstate highway?
- 0
 - 2
 - 4
 - 6
24. How many county seats are located along Rural Road 326?
- 0
 - 1
 - 2
 - 3
25. How many county seats are located near a junction of an interstate and rural road?
- 0
 - 1
 - 2
 - 3
- TRUE/FALSE**
26. There are more oil derricks in Torres county than cotton farms.
27. Most wind turbines are located on the maps north western county.
28. Rogers is the county seat located the furthest south.
29. All paper mills are located along the Simone River.
30. Every highway or rural road on the map crosses the Green River.

Residential Energy Use



Space Cooling
 Space Heating
 Other Energy

Residential Energy Use

31. How many types of users are represented on the graph?
- One
 - Three
 - Six
 - Eight
32. What does the column with the dots represent?
- Townhome
 - Mobile Home
 - Space Heating
 - Space Cooling
33. What type of use always uses the most energy?
- Space Cooling
 - Space Heating
 - Other Energy
 - Data not available
34. What do the numbers on the Y axis represent?
- Number of users
 - Number of users in a building type
 - Hundreds of BTUs per year
 - Thousands of BTUs per year
35. In how many categories did mobile home users average the most usage?
- 0
 - 1
 - 2
 - 3
36. Which of the following had the lowest usage?
- Mobile home, space heating
 - Townhome, space cooling
 - Multifamily, other energy
 - Single family large lot, space heating
37. What type of residence had the lowest combined energy use?
- Multifamily
 - Townhome
 - Single Family, large Lot
 - Single Family, conventional lot
38. In how many categories was single family, large lot energy usage lower than single family, small lot usage?
- 0
 - 1
 - 2
 - 3
39. The graph presents data for what span of time?
- One week
 - One month
 - One year
 - Information not available
40. What type of residence has the least amount of variation in energy type usage?
- Multifamily
 - Single family, conventional lot
 - Townhome
 - Mobile home

TRUE/FALSE

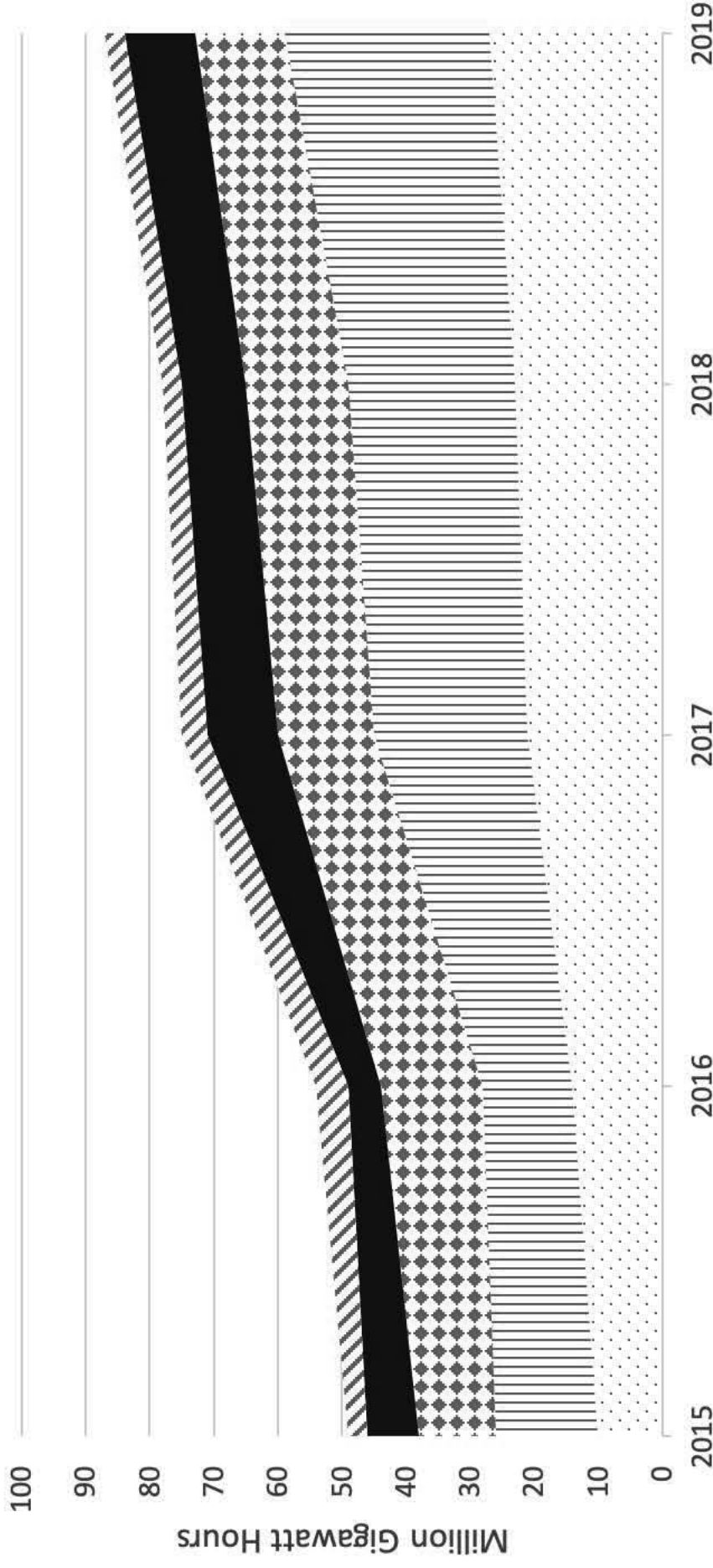
41. Mobile homes use more than twice as much energy in the “other energy” category than any other residential type.
42. The graph indicates how many individuals are counted within each residential type.
43. Space heating uses less energy than space cooling across all residential types.
44. Overall energy usage for multifamily is the same as single family, small lot usage.
45. Space cooling exceed 15,000 BTUs per week in every category.

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Africa

46. The coastline of which of the following countries has the lowest population density?
- Algeria
 - Morocco
 - Namibia
 - South Africa
47. Antongila Bay is on the east coast of what country?
- Somalia
 - Egypt
 - Madagascar
 - Tanzania
48. What does the white box on the elevation map show?
- The equator
 - The area in the cross section
 - A disputed border
 - A mountain range
49. The capital of what country is located just east of the Prime Meridian?
- Togo
 - Ghana
 - Mali
 - Chad
50. Tropical rain forest can be found in what country?
- Libya
 - Somalia
 - Eritrea
 - Liberia
51. Except for its coastline, what country is entirely surrounded by one other country?
- Nigeria
 - Gambia
 - Cameroon
 - Gabon
52. What lake was formed by the rift in the Great Rift Valley?
- Lake Nyasa
 - Lake Volta
 - Kainji Lake
 - Lake Mai-Ndombe
53. Where are the Makgadikgadi Salt Pans located?
- Ethiopia
 - Zimbabwe
 - Namibia
 - Botswana
54. Algeria imports the most from where?
- China
 - European Union
 - United States
 - Brazil
55. The people of Africa speak more than _____ languages.
- 100
 - 400
 - 800
 - 1000
56. What is the longest mountain range on the continent?
- Ethiopian Highlands
 - Atlas Mountains
 - Drakensberg
 - Semien Mountains
57. What is the average annual range of precipitation in Egypt?
- 0 to 10 inches
 - 10 to 20 inches
 - 40 to 80 inches
 - Over 80 inches
58. What do the white dots in the Strait of Gibraltar represent?
- Disputed boundary
 - International boundary
 - Continental boundary
 - Canal
59. What country capital is the furthest south?
- Cape Town
 - Maputo
 - Gaborone
 - Johannesburg
60. Which country is transcontinental?
- Madagascar
 - Algeria
 - Egypt
 - Namibia

National Renewable Energy Generation



● Solar ▨ Onshore Wind ▩ Offshore Wind ■ Hydro ▧ Geothermal

Renewable Energy Generation

61. What span of time does the graph cover?
- 5 months
 - 5 years
 - 5 decades
 - Not indicated
62. What was the first year total renewable energy generation rose about 70 gigawatts?
- 2016
 - 2017
 - 2018
 - 2019
63. How many types of renewable energy are represented on the graph?
- 0
 - 2
 - 4
 - 5
64. What year did solar generate the least amount?
- 2015
 - 2016
 - 2018
 - 2019
65. How is energy production measured on the graph?
- Megawatt hours
 - Thousands of megawatt hour
 - Gigawatt hours
 - Millions of gigawatt hours
66. In 2017, what method of renewable energy produced the most energy?
- Solar
 - Onshore wind
 - Offshore wind
 - Hydro
67. In what year did energy generation from hydro jump the most compared to the previous year?
- 2015
 - 2016
 - 2017
 - 2018
68. How many type(s) of renewable energy had greater production in 2016 than 2018?
- 0
 - 1
 - 2
 - 3
69. What information is presented on the x-axis?
- The title of the graph
 - The million gigawatt hours
 - The year
 - The type of renewable energy
70. What year does the darkest portion of the graph represent?
- 2015
 - 2017
 - 2019
 - None of the above
- TRUE/FALSE**
71. Energy production for all types combined increased every year.
72. Solar produced more energy than any other type twice.
73. Solar is the only type of production that increased every year.
74. The highest level of production for hydro was in 2017.
75. Geothermal production had the least amount of variation between its highest and lowest years.



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Answer Key

- | | | |
|-------|-------|-------|
| 1. A | 26. F | 51. B |
| 2. D | 27. F | 52. A |
| 3. C | 28. F | 53. D |
| 4. D | 29. F | 54. B |
| 5. B | 30. T | 55. D |
| 6. A | 31. C | 56. B |
| 7. C | 32. C | 57. A |
| 8. A | 33. C | 58. C |
| 9. A | 34. D | 59. A |
| 10. D | 35. D | 60. C |
| 11. D | 36. D | 61. B |
| 12. A | 37. A | 62. B |
| 13. D | 38. B | 63. D |
| 14. C | 39. C | 64. A |
| 15. A | 40. A | 65. D |
| 16. D | 41. F | 66. B |
| 17. D | 42. F | 67. C |
| 18. B | 43. T | 68. A |
| 19. C | 44. T | 69. C |
| 20. B | 45. F | 70. D |
| 21. B | 46. C | 71. T |
| 22. C | 47. C | 72. F |
| 23. C | 48. B | 73. T |
| 24. B | 49. A | 74. T |
| 25. B | 50. D | 75. T |