CONTESTANT NUMBER:

UIL

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 7 8

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. A	B	C	D
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		
11. A	B	C	D	36. A	B	C	D	61. A	B	C	D
12. A	B	C	D	37. A	B	C	D	62. A	B	C	D
13. A	B	C	D	38. A	B	C	D	63. A	B	C	D
14. A	B	C	D	39. A	B	C	D	64. A	B	C	D
15. A	B	C	D	40. A	B	C	D	65. A	B	C	D
16. A	B	C	D	41. T	F			66. A	B	C	D
17. A	B	C	D	42. T	F			67. A	B	C	D
18. A	B	C	D	43. T	F			68. A	B	C	D
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 2023-2024

A+ ACADEMICS

University Interscholastic League
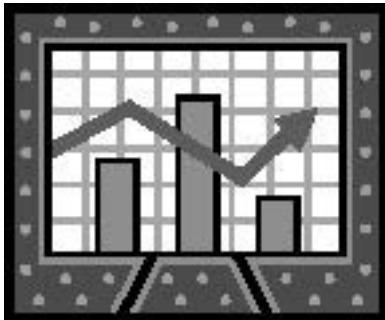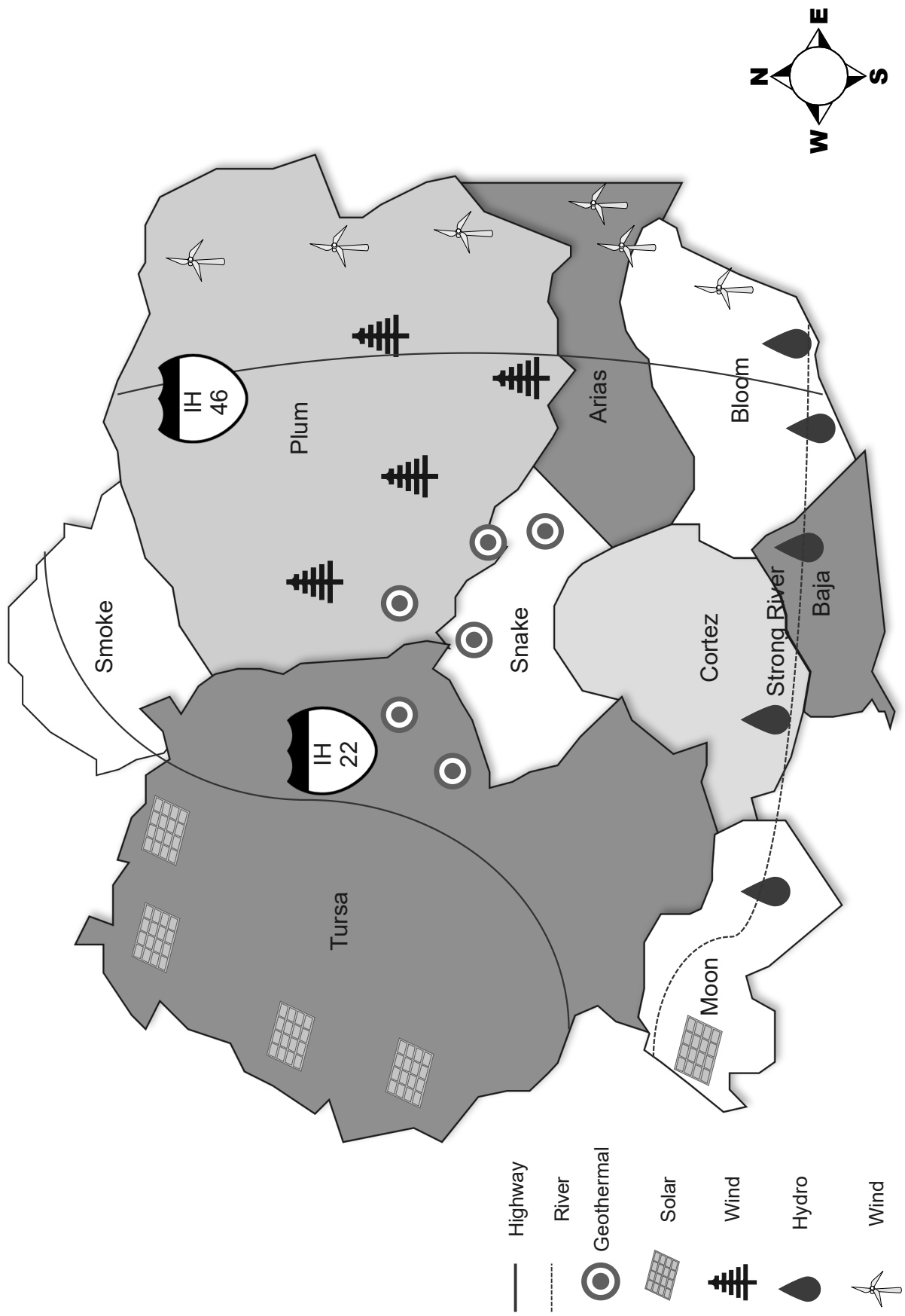
Maps, Graphs & Charts
grades 5 & 6

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Asia Political Relief Map

1. The Strait of Malacca separates which countries?
   a. Malaysia and Thailand
   b. Vietnam and the Philippines
   c. Indonesia and Papua New Guinea
   d. Malaysia and Indonesia

2. What is the capital of Israel?
   a. Damascus
   b. Brunei
   c. Ankara
   d. Jerusalem

3. Which of the following countries does not have a part of the Himalayas within its borders?
   a. India
   b. Nepal
   c. Laos
   d. Bhutan

4. Which of the following is not a country in the Arabian Peninsula?
   a. Qatar
   b. Yemen
   c. Sanaa
   d. Oman

5. The Dead Sea is located between which two countries?
   a. Israel and Palestine
   b. Turkey and Iraq
   c. Jordan and Israel
   d. Lebanon and Syria

6. Which country in Asia is an archipelago?
   a. Indonesia
   b. Mongolia
   c. North Korea
   d. Turkey

7. The Caspian Sea is located between which two countries in Asia?
   a. Iran and Iraq
   b. Russia and China
   c. Kazakhstan and Uzbekistan
   d. Turkmenistan and Azerbaijan

8. The Mekong River does not flow through which of the following countries?
   a. Vietnam
   b. Japan
   c. Thailand
   d. China

9. What country has two capitals?
   a. Kyrgyzstan
   b. Mongolia
   c. Sri Lanka
   d. Syria

10. Which of the following cities has a population of between 500,000 to 1,000,000 and is the farthest east?
    a. Kandahar, Afghanistan
    b. Sapporo, Japan
    c. Mecca, Saudi Arabia
    d. Chita, Russia

11. What do the curved black lines running vertically across the map indicate?
    a. Latitude
    b. Longitude
    c. Time Zones
    d. None of the above

12. Which of the following features are displayed on the political relief map?
    a. Climates zones
    b. Elevations
    c. Land Cover Type
    d. None of the above

13. Which country is not located on the mainland?
    a. Russia
    b. Sri Lanka
    c. Kazakhstan
    d. Thailand

14. The Gobi Desert is located in which country?
    a. Mongolia   c. Cambodia
    b. Iran   d. Pakistan

15. What country's capital can be found at 38.5° N, 68.7° E?
    a. Turkey
    b. China
    c. Tajikistan
   d. None of the above

Renewable Energy Sites By County

Smoke

Plum

IH 46

Tursa

IH 22

Snake

Arias

Bloom

Cortez

Strong River

Baja

Moon

N E S W

Legend

Highway

River

⊙ Geothermal

Solar

Wind

Hydro

Wind

Renewable Energy Sites by County

16. How many types of renewable energy are shown on the map?
    a. 1
    b. 3
    c. 5
    d. 7

17. Which of the following runs east to west?
    a. IH 22
    b. IH 46
    c. Strong River
    d. West River

18. How many solar energy sites are indicated on the map?
    a. 1
    b. 3
    c. 5
    d. 7

19. Which county has the greatest variety of energy producing sites?
    a. Plum
    b. Tursa
    c. Cortez
    d. Baja

20. Which of the following counties stretches the farthest north?
    a. Baja
    b. Moon
    c. Snake
    d. Bloom

21. How many counties have geothermal sites?
    a. 1
    b. 3
    c. 5
    d. 7

22. What type of energy site can be found across the most different counties?
    a. Geothermal
    b. Solar
    c. Wind
    d. Hydro

23. Which type of site produces the most energy?
    a. Solar
    b. Wind
    c. Hydro
    d. Not indicated on the map

24. How many types of energy sites are located in Smoke County?
    a. 0
    b. 1
    c. 2
    d. 3

25. Which county has the highest number of renewable energy sites?
    a. Cortez
    b. Tursa
    c. Plum
    d. Snake

TRUE/FALSE

26. All of the wind sites are located on the west edge of the map.

27. Both of the highways intersect the river.

28. All of the wood power sites are located in two counties.

29. According to the legend, one inch equals 5 miles on the map.

30. Bloom is the only country to have both a hydro and a wind site.

Energy Generated in Terawatt Hours
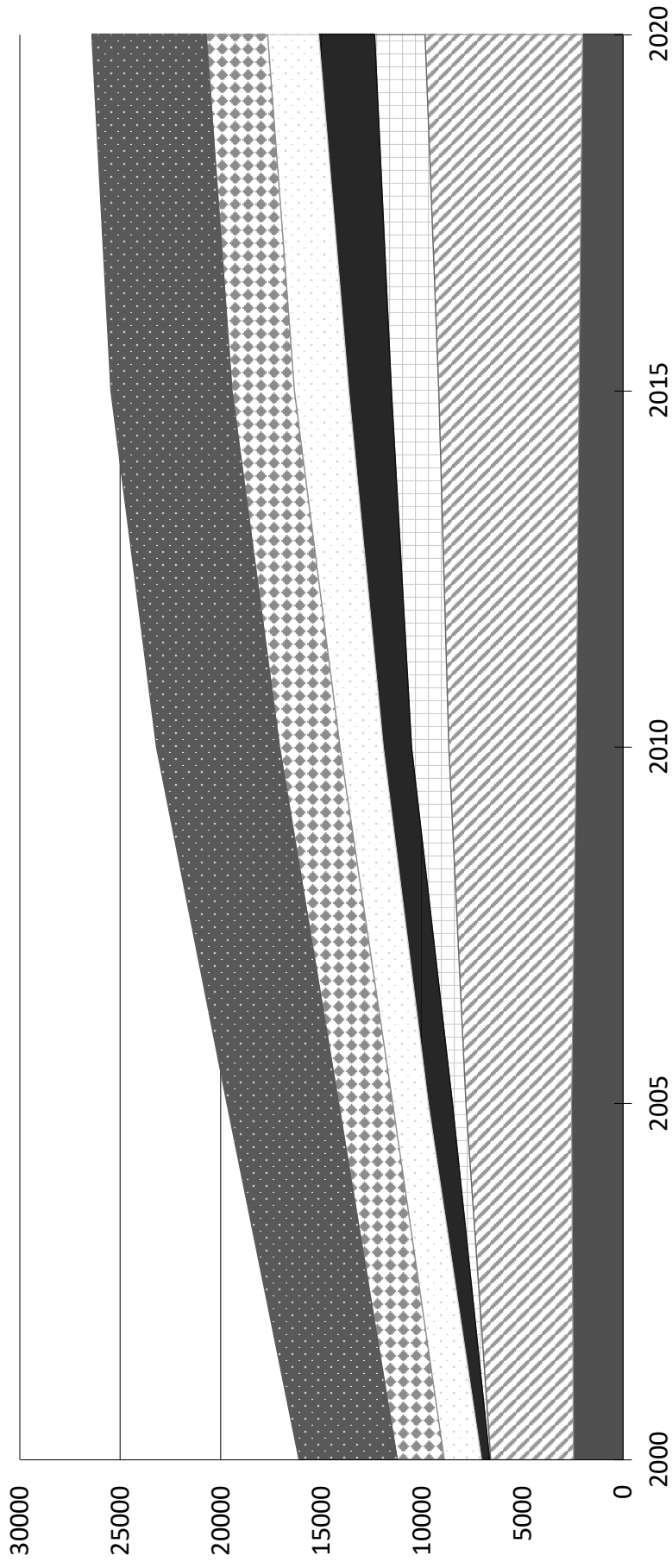
Legend: Nuclear | Gas and Other Fossils | Coal | Hyrdopower | Geothermal | Solar | Wind

Energy Generated in Terawatt Hours

31. How many categories of energy are included in the graph?
    a. 5
    b. 7
    c. 9
    d. 12

32. What does the x-axis represent?
    a. Energy Type
    b. The year
    c. Total terawatt hours
    d. None of the above

33. What span of time is covered by this graph?
    a. 5 years
    b. 10 years
    c. 15 years
    d. 20 years

34. In what year did coal output hit its peak?
    a. 2020
    b. 2015
    c. 2010
    d. 2005

35. Which type of energy had the most output in a single year?
    a. Coal
    b. Gas and Other Fossils
    c. Nuclear
    d. Geothermal

36. Energy for all categories combined was lowest in what year?
    a. 2020
    b. 2015
    c. 2010
    d. 2005

37. In 2000, what category of energy production had the least output?
    a. Solar
    b. Wind
    c. Hydropower
    d. Coal

38. How many categories of energy production had their highest output in 2020?
    a. 0
    b. 1
    c. 2
    d. 3

39. What does the darkest part of the graph represent?
    a. 2010
    b. 2020
    c. Hydropower
    d. Wind

40. In how many years did combined output exceed 15,000 terawatt hours?
    a. 0
    b. 1
    c. 3
    d. 5

TRUE/FALSE

41. Wind outproduced Solar every year.

42. Combined energy output peaked at 30,000 terawatt hours in a single year.

43. Solar in the only category that at least doubled in output in the time covered by the graph.

44. Gas and other fossils output increased every year.

45. Nuclear is the only category of energy production that had less output in 2020 than 2000.
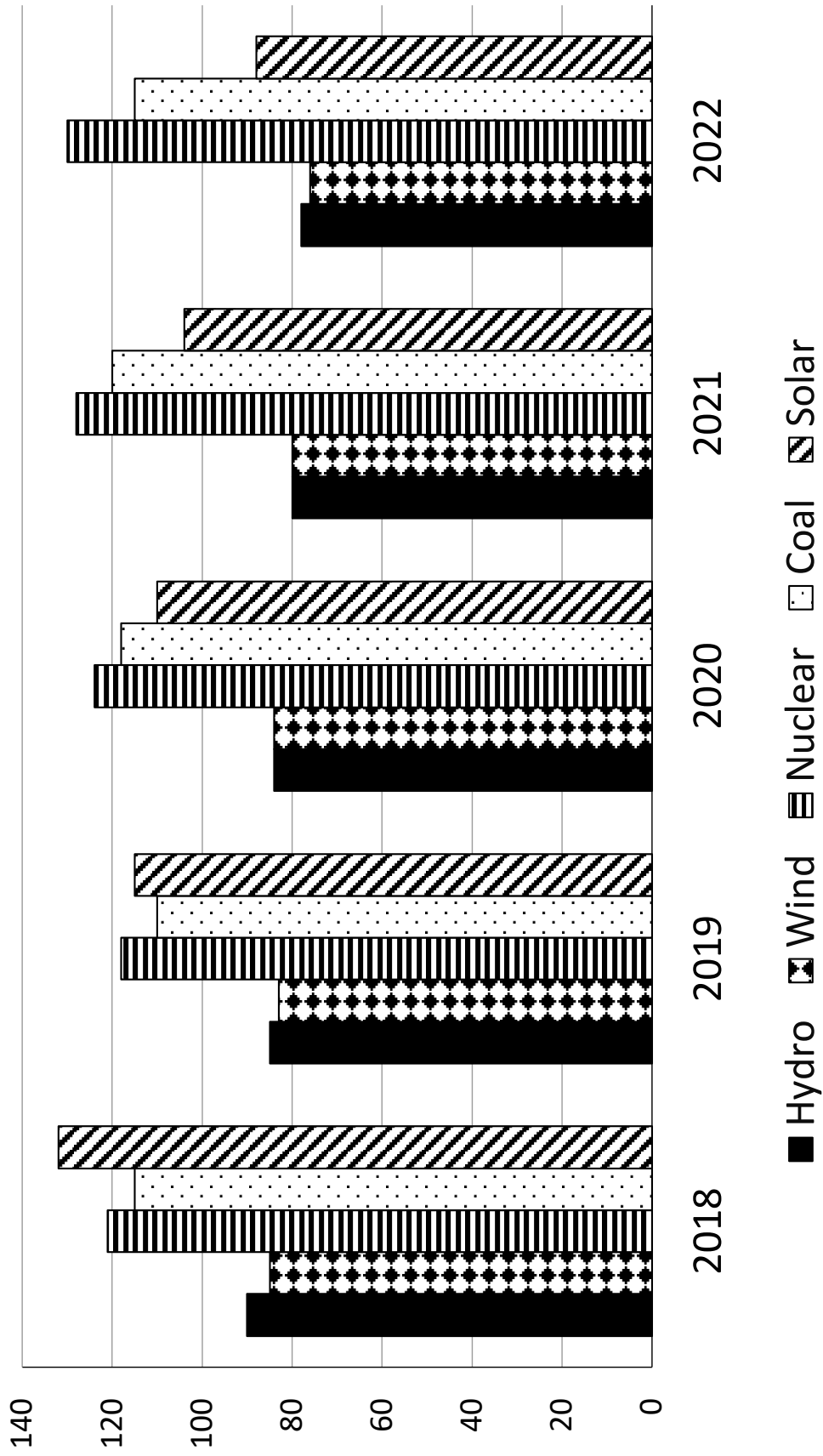
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46. The deepest lake on the continent is located in what country?
    a. Russia
    b. China
    c. India
    d. Philippines

47. What is the climate type across most of Russia?
    a. Desert
    b. Subarctic
    c. Desert
    d. Mediterranean

48. Which of the following Asian countries exports the most oil?
    a. Kuwait
    b. Russia
    c. Iraq
    d. United Arab Emirates

49. How far is it from the capital of Iran to the city of Qom, Iran?
    a. About 25 miles
    b. About 80 miles
    c. About 130 miles
    d. About 190 miles

50. Which of the following countries has the highest population per square mile?
    a. China
    b. Singapore
    c. India
    d. Russia

51. Semi-desert and desert land cover can be found in what country?
    a. India
    b. Japan
    c. Borneo
    d. None of the above

52. What is the most populous city in China?
    a. Shanghai
    b. Xining
    c. Zibo
    d. Aksu

53. What do the purple lines on the land cover map indicate?
    a. Longitude lines
    b. Continent borders
    c. Country borders
    d. None of the above

54. Which of the following countries is on the Tropic of Cancer?
    a. Mongolia
    b. Oman
    c. Indonesia
    d. None of the above

55. What country's capital is located on the shores of the Persian Gulf?
    a. Kazakhstan
    b. Oman
    c. Japan
    d. None of the above

TRUE/FALSE

56. The Himalayas are shrinking about .2 inches per year.

57. Wetlands can be found in both southern and northern Asia.

58. During the winter the monsoon winds travel from north to south.

59. Hindu is the dominant religion in Nepal.

60. The population of Mysore, India is over 3,000,000.

Cost of Energy Types (In Dollars) Per Megawatt Hour

Legend: ■ Hydro ⊞ Wind ⊞ Nuclear ⊡ Coal ⊠ Solar

X-axis (years): 2018, 2019, 2020, 2021, 2022

Y-axis values: 0, 20, 40, 60, 80, 100, 120, 140

Cost of Energy Types Per Megawatt Hour

61. What is indicated on the y-axis?
    a. Cost in dollars
    b. Cost in energy
    c. Type of energy
    d. None of the above

62. What year was wind the most expensive?
    a. 2022
    b. 2021
    c. 2019
    d. 2018

63. Which type of energy dropped the most in cost from 2018 to 2022?
    a. Wind
    b. Nuclear
    c. Coal
    d. Solar

64. In what year did solar become less expensive than coal?
    a. 2018
    b. 2019
    c. 2020
    d. 2021

65. Which type of energy was the most expensive in the most years?
    a. Solar
    b. Coal
    c. Nuclear
    d. Hydro

66. In what year did coal reach its highest price?
    a. 2018
    b. 2019
    c. 2020
    d. 2021

67. Which of the following types of energy was the least expensive in 2020?
    a. Wind
    b. Nuclear
    c. Coal
    d. Solar

68. How many types of energy became less expensive every year?
    a. 0
    b. 1
    c. 2
    d. 3

69. What does the darkest column on the chart represent?
    a. Dollars
    b. Year
    c. Coal
    d. Solar

70. How many types of energy had their lowest price point in 2022?
    a. 0
    b. 1
    c. 3
    d. 4

TRUE/FALSE

71. The price of solar fluctuated the most over the amount of time covered in the chart.

72. The energy type with the highest cost for all years combined was coal.

73. Hydro was more expensive than wind every year.

74. The chart indicates how much each type of energy costs in dollars per gigawatt.

75. Solar was the most expensive energy source in the first year that is covered by the chart.

University Interscholastic League
## A+ Maps/Graphs/Charts Contest • 2023-2024
5/6 Invitational
Answer Key

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

University Interscholastic League
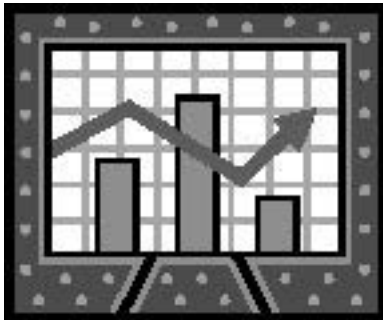
Maps, Graphs & Charts
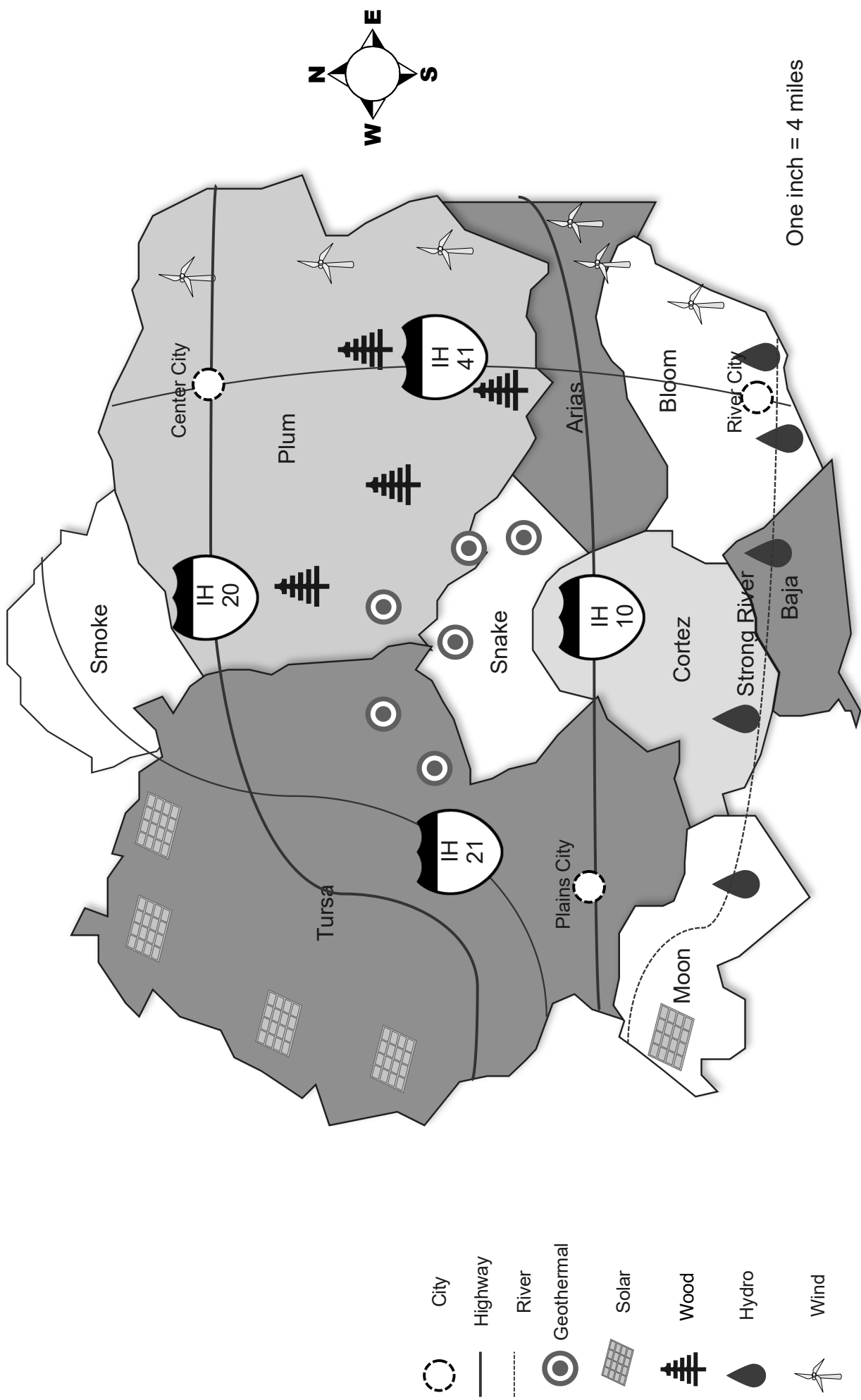
grades 7 & 8

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Africa

1. Which country is not part of the Great Rift Valley?
   a. Ethiopia
   b. Uganda
   c. Tanzania
   d. Senegal

2. The city of Casablanca is located in which country?
   a. Morocco
   b. Egypt
   c. Algeria
   d. Tunisia

3. The Sahara Desert is bordered by which mountain range to the north?
   a. Atlas Mountains
   b. Drakensberg Mountains
   c. Marrah Mountains
   d. Simien Mountains

4. Which country's capital is the furthest north?
   a. Chad
   b. Sudan
   c. Kenya
   d. Zambia

5. Which of the following cities in Ghana has the largest population?
   a. Kumasi
   b. Wa
   c. Tamale
   d. Obuasi

6. The Cape of Good Hope is off the coast of what country?
   a. Somalia
   b. Senegal
   c. Algeria
   d. South Africa

7. Which of the following natural resources coincides with the Prime Meridian?
   a. Coal
   b. Natural Gas
   c. Tin
   d. Lead

8. What is the elevation of Mauritania's coast?
   a. Below sea level
   b. 0 to 500 feet
   c. 1,000 to 2,000 feet
   d. 2,000 to 5,000 feet

9. Tropical rain forest can be found in what country?
   a. Liberia
   b. Somalia
   c. South Africa
   d. Zimbabwe

10. Which country has the highest birth rate?
    a. Ethiopia
    b. Niger
    c. South Africa
    d. The World

11. The highest African peak is in what country?
    a. Mali
    b. Libya
    c. Sudan
    d. Tanzania

12. Which country capital gets the most precipitation?
    a. Cairo, Egypt
    b. Freetown, Sierra Leone
    c. Mogadishu, Somalia
    d. Huambo, Angola

13. How far is it from Kano, Nigeria to Abuja, Nigeria?
    a. About 100 miles
    b. About 200 miles
    c. About 300 miles
    d. About 400 miles

14. What do the red lines on the elevation map indicate?
    a. Elevation levels
    b. Mountain ranges
    c. Country borders
    d. Continental borders

15. How many of the world's refugees are African?
    a. About 75%
    b. About 50%
    c. About 33%
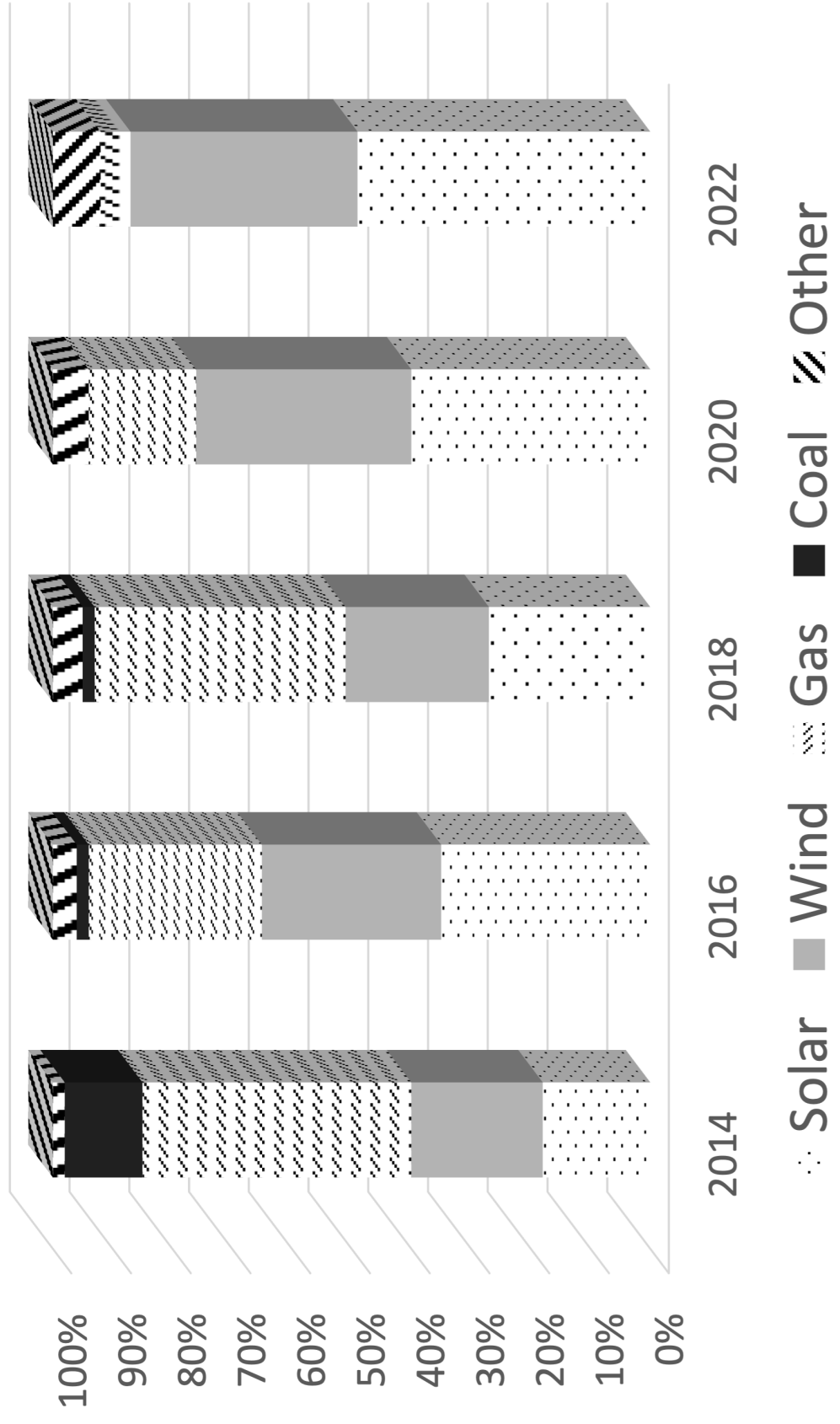   d. About 10%

Renewable Energy Sites By County

One inch = 4 miles

Legend:
- City
- Highway
- River
- Geothermal
- Solar
- Wood
- Hydro
- Wind

Counties: Smoke, Plum, Tursa, Snake, Cortez, Arias, Bloom, Baja, Moon

Cities: Center City, Plains City, River City

Highways: IH 20, IH 41, IH 10, IH 21

Strong River

Renewable Energy Site by County Map

16. Which of the following mainly runs north to south?
    a. Strong River
    b. IH20
    c. IH10
    d. IH41

17. How far is it from Center City to River City?
    a. About 8 miles
    b. About 16 miles
    c. About 32 miles
    d. Not indicated on the map

18. In what portion of the map are hydro sites located?
    a. Northern
    b. Southern
    c. Western
    d. Eastern

19. How would you get from Center City to Plains City?
    a. Begin by heading west on IH20
    b. Begin by heading east on IH20
    c. Begin by heading north on IH41
    d. Begin by heading south on IH41

20. How many types of renewable energy sites are indicated on the map?
    a. 3
    b. 5
    c. 8
    d. 10

21. How many types of energy sites can be found south of Plains City?
    a. 0
    b. 1
    c. 3
    d. 5

22. How many counties have more than one type of energy site?
    a. 0
    b. 1
    c. 2
    d. 4

23. Which county has the highest total of all energy sites combined?
    a. Tursa County
    b. Bloom County
    c. Moon County
    d. Plum County

24. How many wind sites are located west of IH41?
    a. 0
    b. 3
    c. 6
    d. 8

25. How many counties do not have any energy sites?
    a. 0
    b. 1
    c. 2
    d. 4

TRUE/FALSE

26. Sites of the same type tend to be clustered in the same area of the map.

27. There are more geothermal sites than any other kind of site.

28. All solar sites are on the western side of the map.

29. At least one highway runs through all counties.

30. Hydro is present in more counties than any other type of energy sites.

New Electricity-Generation Capacity Additions

Legend: Solar, Wind, Gas, Coal, Other

Years: 2014, 2016, 2018, 2020, 2022

Axis: 0%, 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%

New Electricity-Generation Capacity Additions

31. What is the span of time covered by the graph?
    a. 1 year
    b. 4 years
    c. 8 years
    d. 10 years

32. What percentage of new builds were solar in 2014?
    a. 9%
    b. 18%
    c. 35%
    d. 50%

33. Which of the following had the biggest drop in percentage of new additions between 2016 and 2018?
    a. Coal
    b. Solar
    c. Gas
    d. Other

34. What does the x axis represent?
    a. Percentage of new capacity
    b. Cost of new capacity
    c. The year
    d. Types of new energy capacity

35. In what year did wind have its highest share of new additions?
    a. 2016
    b. 2018
    c. 2020
    d. 2022

36. In what year did wind become the energy producer with the highest percentage of new additions?
    a. 2014
    b. 2016
    c. 2018
    d. None of the above

37. How many types of new additions ended up with higher percentages comparing 2014 to 2022?
    a. 0
    b. 1
    c. 2
    d. 3

38. Which energy production type had the least amount of fluctuation in percentage share over the time covered by the graph?
    a. Solar
    b. Gas
    c. Wind
    d. Other

39. How many different types of energy production are coved under the "other" type on the chart?
    a. 1
    b. 4
    c. 13
    d. Information not available

40. What does the darkest part of the chart represent?
    a. 2014
    b. 2018
    c. Coal
    d. Wind

TRUE/FALSE

41. This chart displays only new electricity generation additions.

42. Coal had no new additions after 2018.

43. Solar is the only category that increased its percentage of new additions every year.

44. Either gas or solar had the highest percentage of new additions every year.

45. The total percentage of new additions of all types remains constant in every year.

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South America

46. Part of the largest island in South America is territory of what country?
    a. Brazil
    b. Venezuela
    c. Colombia
    d. Chile

47. Which country is a founding member of OPEC?
    a. Peru
    b. Venezuela
    c. Suriname
    d. Brazil

48. Canals can be found in what part of Argentina?
    a. Northern
    b. Southern
    c. Eastern
    d. Western

49. What Brazilian city is located just northeast of Madeira Falls?
    a. Porto Velho
    b. Maraba
    c. Maceio
    d. Rio Branco

50. Which country's population is composed of the highest percentage of descendants of indigenous South Americans?
    a. Venezuela
    b. Chile
    c. Bolivia
    d. Peru

51. What is the predominant type of land use in Guyana?
    a. Commercial farming
    b. Subsistence farming
    c. Ranching or herding
    d. Forestry

52. How long is the Amazon River?
    a. About 4,000 miles
    b. About 6,000 miles
    c. About 8,000 miles
    d. About 10,000 miles

53. Which country capital is at the highest elevation?
    a. Montevideo, Uruguay
    b. Brasilia, Brazil
    c. Sucre, Bolivia
    d. Cayenne, French Guiana

54. Tundra can be found in what country?
    a. Argentina
    b. Uruguay
    c. Brazil
    d. All of the above

55. Which crop can be grown at the lowest altitude?
    a. Barley
    b. Bananas
    c. Coffee
    d. Corn

TRUE/FALSE

56. Most of Brazil lies below the equator.

57. The Falkland Islands are a territory of Argentina.

58. The city of Cochabamba, Bolivia has a higher population than the city of Belem, Brazil.

59. Lake Titicaca is the largest lake on the continent.

60. Bolivia has two capitals.

AVERAGE COST OF ENERGY AND RENEWABLE SHARE OF ENERGY PRODUCTION
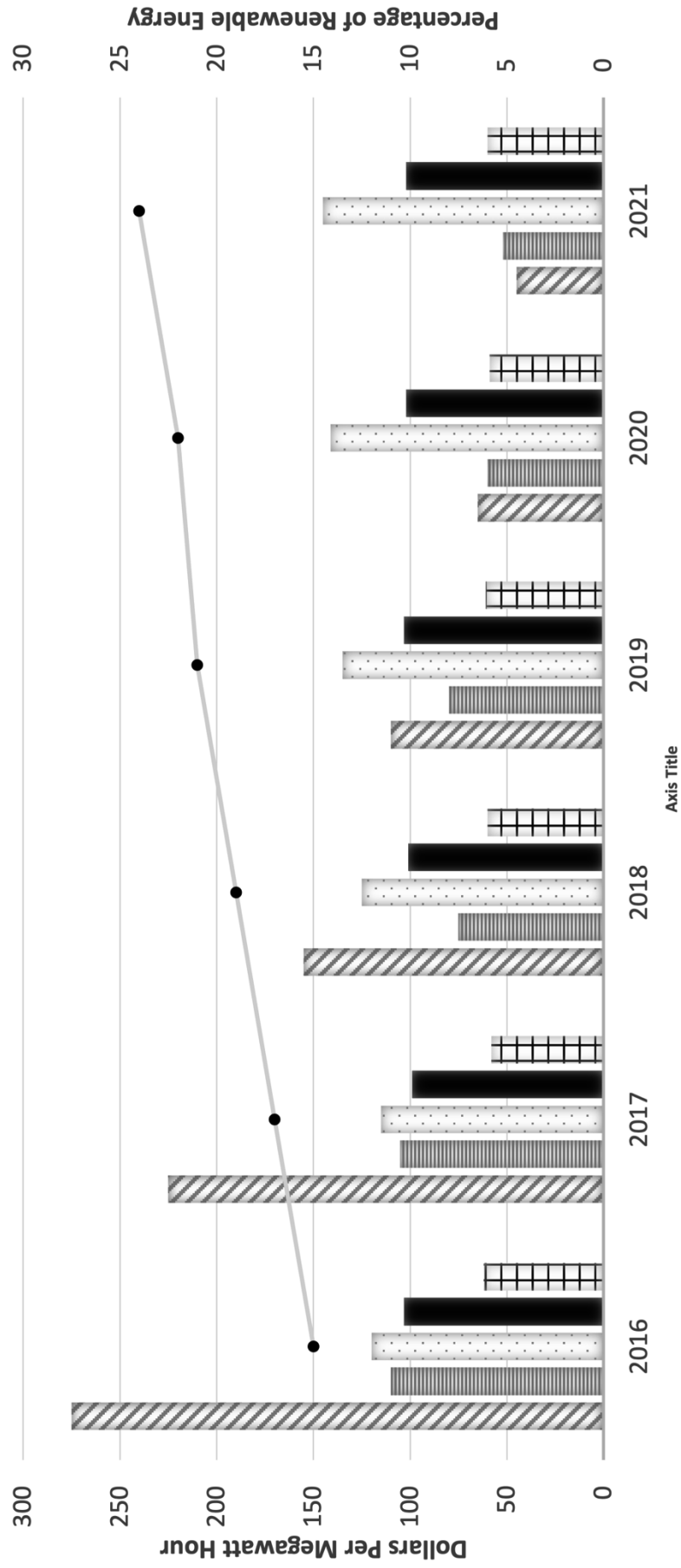
Average Cost of Energy Types and Renewable Share of Energy Production

61. The percentage of renewable energy was at its highest in what year?
    a. 2021
    b. 2019
    c. 2017
    d. 2016

62. What does the y-axis on the right represent?
    a. Percentage of renewable energy
    b. Percentage of fossil fuels
    c. Cost in dollars per megawatt
    d. Cost in dollars per terawatt

63. Which of the following went down in cost per megawatt hour every year?
    a. Wind
    b. Nuclear
    c. Solar
    d. Gas

64. Which energy type had the highest cost per megawatt hour in a single year?
    a. Wind
    b. Nuclear
    c. Coal
    d. Gas

65. In what year did the cost per megawatt hour of nuclear power decrease compared to the previous year?
    a. 2017
    b. 2018
    c. 2019
    d. 2020

66. Excluding gas, how many different types of energy ever cost less than $60 per megawatt hour?
    a. 0
    b. 1
    c. 2
    d. 3

67. Which of the following types of energy had the highest cost per megawatt in 2017?
    a. Gas
    b. Coal
    c. Wind
    d. Nuclear

68. In how many years did solar cost more per megawatt hour than coal?
    a. 0
    b. 1
    c. 2
    d. 4

69. Which two energy types' costs per megawatt hour fluctuated the least between each year covered by the graph?
    a. Solar and Coal
    b. Wind and Nuclear
    c. Coal and Gas
    d. Solar and Wind

70. In what year did the cost for solar decrease the most compared to the previous year?
    a. 2016
    b. 2017
    c. 2018
    d. 2019

TRUE/FALSE

71. Renewable energy sources increased in percentage of total energy production every year.

72. By 2021, solar had become the least expensive type of energy production.

73. Nuclear increased in cost per megawatt hour every year.

74. The total combined cost per megawatt hour of all types of energy fell every year.

75. At least 40% of energy sources were less expensive in 2021 compared to 2016.

University Interscholastic League
## A+ Maps/Graphs/Charts Contest • 2023-2024
7/8 Invitational
Answer Key

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

A+ ACADEMICS

University Interscholastic League
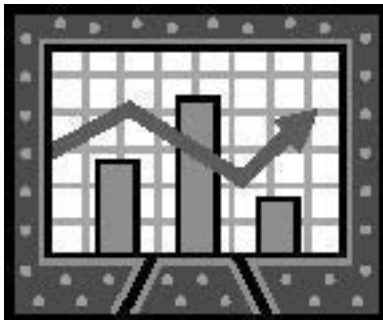
Maps, Graphs & Charts

grades 5 & 6

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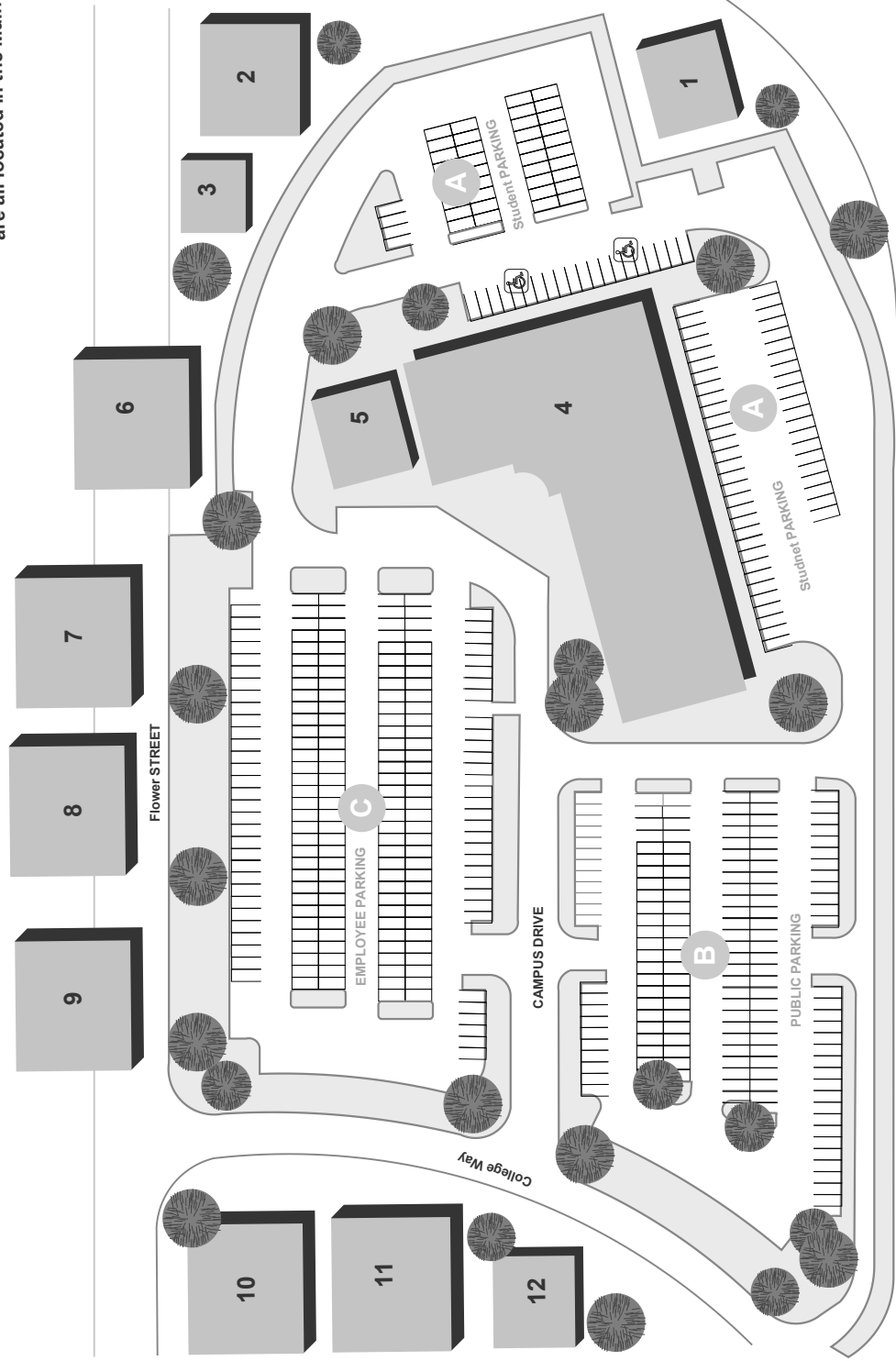**UNTIL TOLD TO DO SO**

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North America Political Relief Map

1. What body of water is east of Belize?
   a. Pacific Ocean
   b. Beaufort Sea
   c. Caribbean Sea
   d. Bering Sea

2. Which country capital can be found near 10° N, 80° W?
   a. Managua
   b. Mexico City
   c. San Jose
   d. Panama City

3. Which country borders northwest Canada?
   a. United States
   b. Russia
   c. Greenland
   d. The Arctic

4. Greenland is a territory of what country?
   a. Denmark
   b. United States
   c. Russia
   d. It is an independent nation

5. Which of the following cities is on the west coast of the United States and is the largest?
   a. New York City
   b. San Diego
   c. Sacramento
   d. Portland

6. Which of the following cities is about 550 miles from the capital of the United States?
   a. New York City
   b. Little Rock
   c. Nashville
   d. Miami

7. In which country are the Interior Plains located?
   a. United States
   b. Canada
   c. Mexico
   d. None of the above

8. A seasonal lake can be found northeast of what city?
   a. Omaha
   b. Columbia
   c. Sacramento
   d. Boise

9. Which Canadian city can be found on the shores of Lake Winnipeg?
   a. Winnipeg
   b. Churchill
   c. Yellowknife
   d. None of the above

10. What is the largest country in North America by area?
    a. Canada
    b. United States
    c. Mexico
    d. Greenland

11. Which country do the Rocky Mountains not run through?
    a. Canada
    b. United States
    c. Mexico
    d. All of the above

12. Which country borders the eastern shores of the Gulf of California?
    a. United States
    b. Canada
    c. Mexico
    d. None of the above

13. The International Date Line runs through what body of water?
    a. Bering Strait
    b. Davis Strait
    c. Gulf of St. Lawrence
    d. None of the above

14. Canals can be found in which city?
    a. Spokane
    b. St. Paul
    c. Miami
    d. Boston

15. Which of the following has a disputed border?
    a. United States
    b. El Salvador
    c. Cuba
    d. None of the above

State College Campus

N

Flower STREET

College Way

CAMPUS DRIVE

EMPLOYEE PARKING

PUBLIC PARKING

Student PARKING

Studnet PARKING

James Blvd.

1/2 Mile to Miles Sports Complex

A

B

C

A

1
2
3
4
5
6
7
8
9
10
11
12

Academics
Art
1. Liberal Arts
7. Business
8. Sciences
9. Music
10. Media Arts
12.

Housing
2. Zappa Hall
3. Primm Hall
5. Mobius Hall

Student Life
4. University Union
5. Student Fitness Center
6. Student Dining Hall

Offices
11. Main Offices
Note: Individual academic
offices are located in
their respective academic
buildings.

State College Campus

16. What parking lot is designated for campus employees?
    a. A
    b. B
    c. C
    d. All of the above

17. The sports complex is located where?
    a. .5 miles east of campus
    b. .5 miles west of campus
    c. 2 miles north of campus
    d. 2 miles south of campus

18. Which academic building is located the furthest south?
    a. Art
    b. Business
    c. Music
    d. Sciences

19. How many dining halls are indicated on the map?
    a. 0
    b. 1
    c. 3
    d. 5

20. The financial aid office is located in which building?
    a. University Union
    b. Primm Hall
    c. Main Office Building
    d. Zappa Hall

21. What type of building is Mobius Hall?
    a. Academic
    b. Student Life
    c. Office
    d. Housing

22. How far is it from public parking to the student dining hall?
    a. About .5 miles
    b. About 1 mile
    c. About 1.5 miles
    d. Scale is not indicated

23. What time does the main office close on Tuesdays?
    a. It is closed on Tuesdays
    b. 8 a.m.
    c. 5 p.m.
    d. Information not given

24. Which of the following goes by the most academic buildings?
    a. Campus Drive
    b. Flower Street
    c. College Way
    d. James Blvd.

25. How many housing buildings are south of the student dining hall?
    a. 0
    b. 1
    c. 2
    d. 3

TRUE/FALSE

26. Offices for the different academic disciplines are located in the main office.

27. The fitness center for students is located in the sports complex.

28. James Blvd. runs west and east.

29. The Media Arts building is further east than the Business academic building.

30. Public parking and employee parking can both be accessed from Campus Drive.

Bachelor's Degress Awarded Field of Study
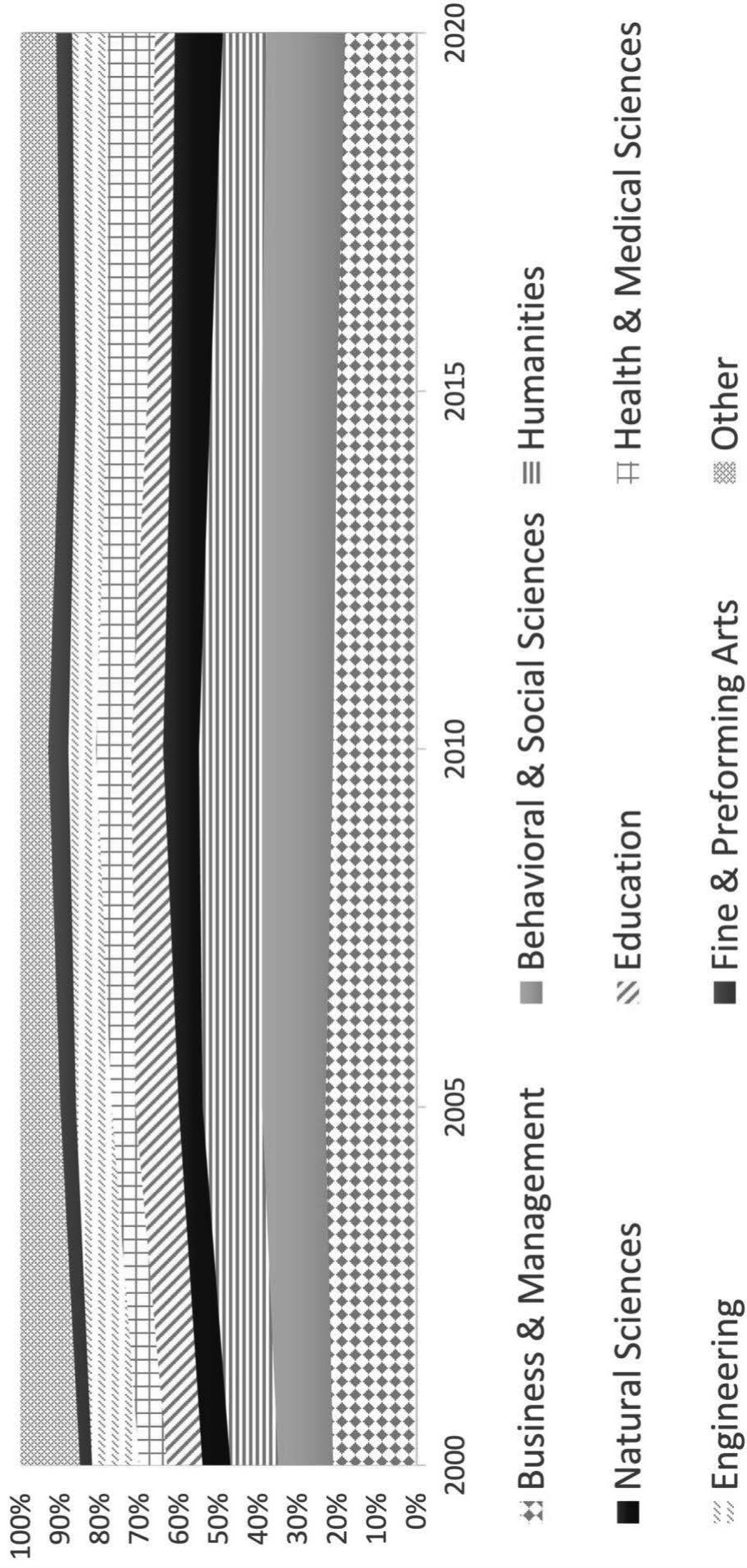
Bachelor's Degrees by Field of Study

31. What span of time is covered by the graph?
    a. 5 years
    b. 10 years
    c. 15 years
    d. 20 years

32. What does the y-axis represent?
    a. Number in millions of total degrees awarded
    b. Number in millions of degrees awarded in each field
    c. The percentage of degrees awarded
    d. The year the degrees were awarded

33. What year were the most degrees for all fields of study combined awarded?
    a. 2020
    b. 2015
    c. 2000
    d. Information not indicated

34. What year did education drop the most compared to the previous year?
    a. 2020
    b. 2015
    c. 2010
    d. 2005

35. Which of the following fields of study had the lowest percentage the most years?
    a. Engineering
    b. Business & Management
    c. Humanities
    d. Health & Medial Sciences

36. How many fields of study groups are represented?
    a. 5
    b. 7
    c. 9
    d. 11

37. How many fields of study reached their highest percentage in 2020?
    a. 0
    b. 1
    c. 3
    d. 4

38. Which field of study dropped the most in 2020 compared to 2000?
    a. Natural Sciences
    b. Education
    c. Fine & Preforming Arts
    d. Information not indicated

39. How many times did the Natural Sciences have a higher percentage than Health & Medical Sciences?
    a. 0
    b. 1
    c. 2
    d. 4

40. How many fields of study gained in percentage share every year indicated?
    a. 0
    b. 1
    c. 2
    d. 4

TRUE/FALSE

41. Business & Management was always the most popular choice.

42. Degrees awarded in Behavioral and Social Sciences increased the most over the time coved by the graph.

43. The darkest color on the graph represents the total number of students enrolled in the Natural Sciences.

44. The x-axis represents the year.

45. Fine & Preforming Arts percentages had the least amount of variation over the years.
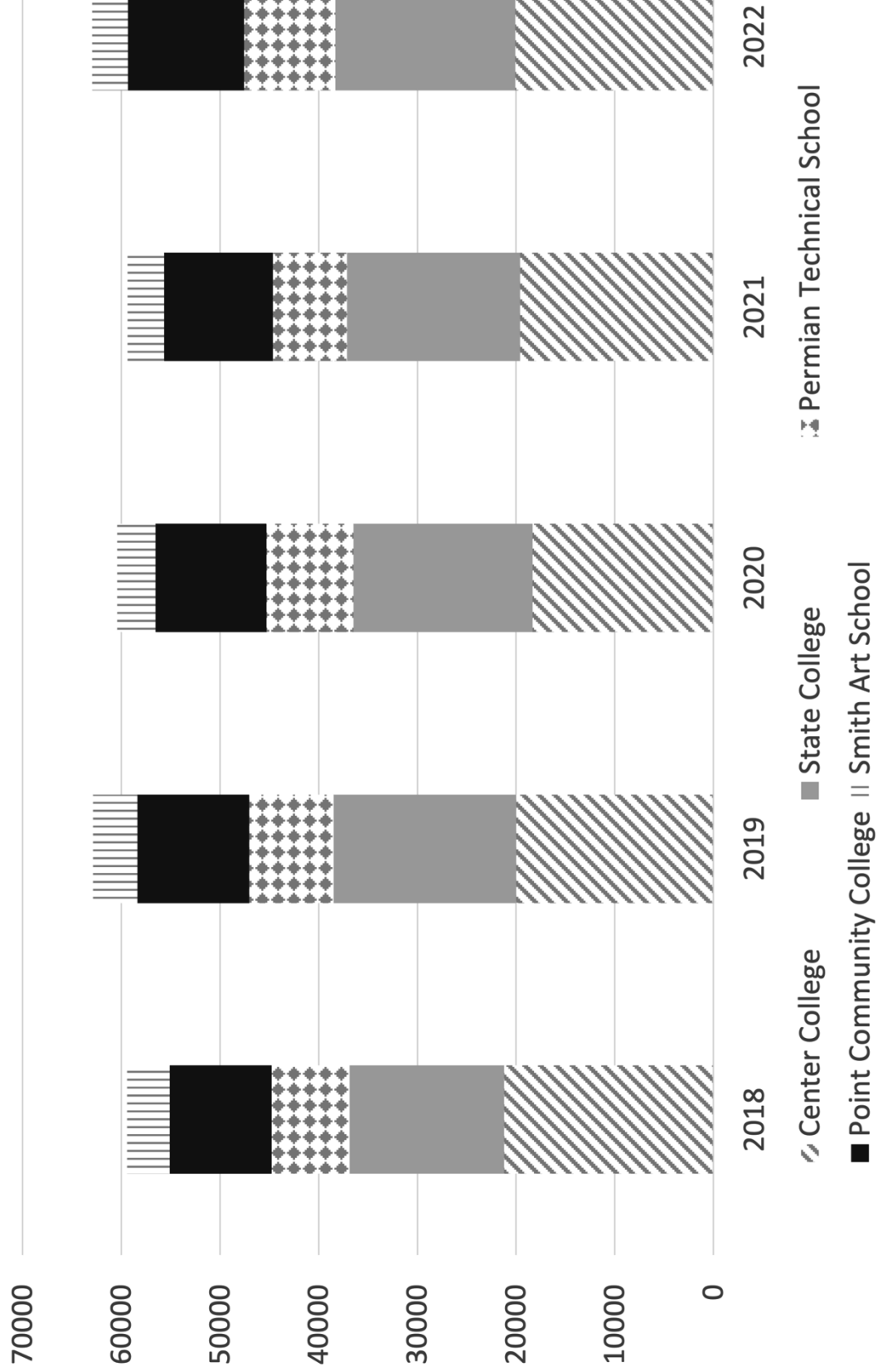
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North America (Various Maps)

46. Which country receives the most exports from Guatemala?
    a. China
    b. United States
    c. El Salvador
    d. Honduras

47. What is the main type of land use in New Mexico?
    a. Urban
    b. Commercial Farming
    c. Subsistence farming
    d. Ranching or herding

48. Which U.S. state does the Colorado River flow through?
    a. Utah
    b. New Mexico
    c. Washington
    d. Oregon

49. Which of the following Canadian cities is the furthest north?
    a. Churchill
    b. Arviat
    c. Windsor
    d. Greenstone

50. Guyana is part of what North American Trade Organization?
    a. CAFTA-DR
    b. CARICOM
    c. NAFTA
    d. All of the above

51. What is the land cover type on Victoria Island.?
    a. Cropland
    b. Tundra
    c. Glacier
    d. Broadleaf forest

52. The state of Baja California receives how much rainfall per year?
    a. 0 to 10 inches per year
    b. 10 to 20 inches per year
    c. 20 to 40 inches per year
    d. Over 80 inches per year

53. Which of the following natural resources can be found on Ellesmere Island?
    a. Oil
    b. Gold
    c. Tin
    d. None of the above

54. How many Canadian provinces does The Trans-Canada Highway run through?
    a. 2
    b. 6
    c. 10
    d. 12

55. Which of the following cities has a population over 500,000 and can be found on the shores of Lake Athabasca?
    a. Vancouver
    b. Uranium City
    c. Surrey
    d. None of the above

TRUE/FALSE

56. Canada has more immigrants per 1,000 people than the United States.

57. The population of North America is above 600 million.

58. French is the most spoken language in Canada.

59. Potatoes are the only agricultural product to come out of Idaho.

60. Interstate Highway 65 runs through Nashville, Tennessee.

Center County College Enrollment Numbers

Legend:
- Center College
- Point Community College
- State College
- Smith Art School
- Permian Technical School

Years: 2018, 2019, 2020, 2021, 2022

Y-axis: 0, 10000, 20000, 30000, 40000, 50000, 60000, 70000

Enrollment Numbers

61. Which college had the highest enrollment in a single year?
    a. Center College
    b. State College
    c. Permian Technical School
    d. Point Community College

62. What year did the Smith Art School have its highest enrollment?
    a. 2017
    b. 2019
    c. 2020
    d. 2021

63. Which college had the highest total enrollment across all years combined?
    a. State College
    b. Permian Technical School
    c. Point Community College
    d. Smith Art School

64. What does the x-axis represent?
    a. Number of students
    b. Gender of Students
    c. The year
    d. None of the above

65. Which college had around 20,000 students enrolled in 2022??
    a. Smith Art School
    b. Center College
    c. State College
    d. Point Community College

66. Which college had the largest increase in enrollment from 2018 to 2019?
    a. Smith Art School
    b. Point Community College
    c. Permian Technical School
    d. State College

67. Approximately how many more students were enrolled across all colleges in 2019 compared to 2018?

    a. 1,000
    b. 3,000
    c. 6,000
    d. 9.000

68. Which college had the largest increase in enrollment from 2018 to 2022?
    a. Center College
    b. State College
    c. Permian Technical School
    d. Point Community College

69. What college had an increase in enrollment every year?
    a. Smith Art School
    b. State College
    c. Center College
    d. None of the above

70. In how many years did total enrollment exceed 60,000?
    a. 0
    b. 1
    c. 2
    d. 3

TRUE/FALSE

71. Enrollment at State College decrease each year from 2018 to 2022.

72. Smith Art School had the lowest enrollment every year.

73. Smith Art School had the lowest fluctuation in enrollment.

74. Center College had at least 20,000 students every year.

75. Each year, the combined enrollment of Center College and State College never reached more than 40,000 students.

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

University Interscholastic League
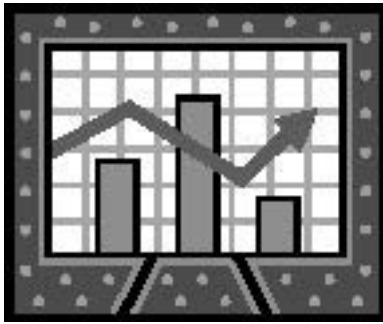
Maps, Graphs & Charts

grades 7 & 8

**DO NOT OPEN TEST
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Australia

1. How much do invasive species of plants cost Australia per year?
    a. About $20 million per year
    b. About $60 million
    c. About $3 billion
    d. About $9 billion

2. What land feature can be found near Sibu, Borneo?
    a. Waterfalls
    b. Canals
    c. Dams
    d. Wetlands

3. Starbuck Island is part of what country?
    a. Australia
    b. Federated States of Micronesia
    c. Indonesia
    d. Kiribati

4. On the Political Relief map, what do the white dots that run through Indonesia represent?
    a. Continental boundary
    b. International boundary
    c. Longitude line
    d. International date line

5. What is the type of land use in New Zealand?
    a. Urban
    b. Commercial farming
    c. Subsistence farming
    d. Ranching or herding

6. How many urban land use zones are in Australia?
    a. 0 or 1
    b. 2 or 3
    c. 4 or 5
    d. 6 or 7

7. Which of the following nations is the least densely populated?
    a. Papua New Guinea
    b. Indonesia
    c. Australia
    d. New Zealand

8. The highest mountain peak is located in what country?
    a. Australia
    b. New Zealand
    c. Indonesia
    d. Samoa

9. How many states does Australia have?
    a. 3
    b. 5
    c. 7
    d. 9

10. Which of the following is a seasonal lake?
    a. Lake Eyre
    b. Lake Barlee
    c. Lake Mackay
    d. All of the above

11. Which country is just west of the international dateline?
    a. Kiribati
    b. China
    c. Vanuatu
    d. None of the above

12. Bora-Bora is a territory of what country?
    a. Australia
    b. United States
    c. France
    d. Indonesia

13. How far is it from Perth to Merredin?
    a. About 150 miles
    b. About 250 miles
    c. About 300 miles
    d. About 500 miles

14. Which country has the highest birth rate?
    a. Australia
    b. Micronesia
    c. Papua New Guinea
    d. The World

15. How much precipitation does Sydney receive?
    a. 10 to 20 inches
    b. 20 to 40 inches
    c. 40 to 80 inches
    d. Over 80 inches

State College Campus

Truman Blvd.

Main Office Building: 123 College Way
Hours Monday through Friday: 8am to 5pm
Note: Transcripts, Admissions and Financial Aid
are all located in the Main Office Building

Flower STREET

EMPLOYEE PARKING

C

CAMPUS DRIVE

PUBLIC PARKING

B

CAMPUS DRIVE

College Way

One Way

Exit

Main Entrance

N

Student PARKING

A

Studnet PARKING

A

James Blvd.

1/2 Mile to Miles Sports Complex
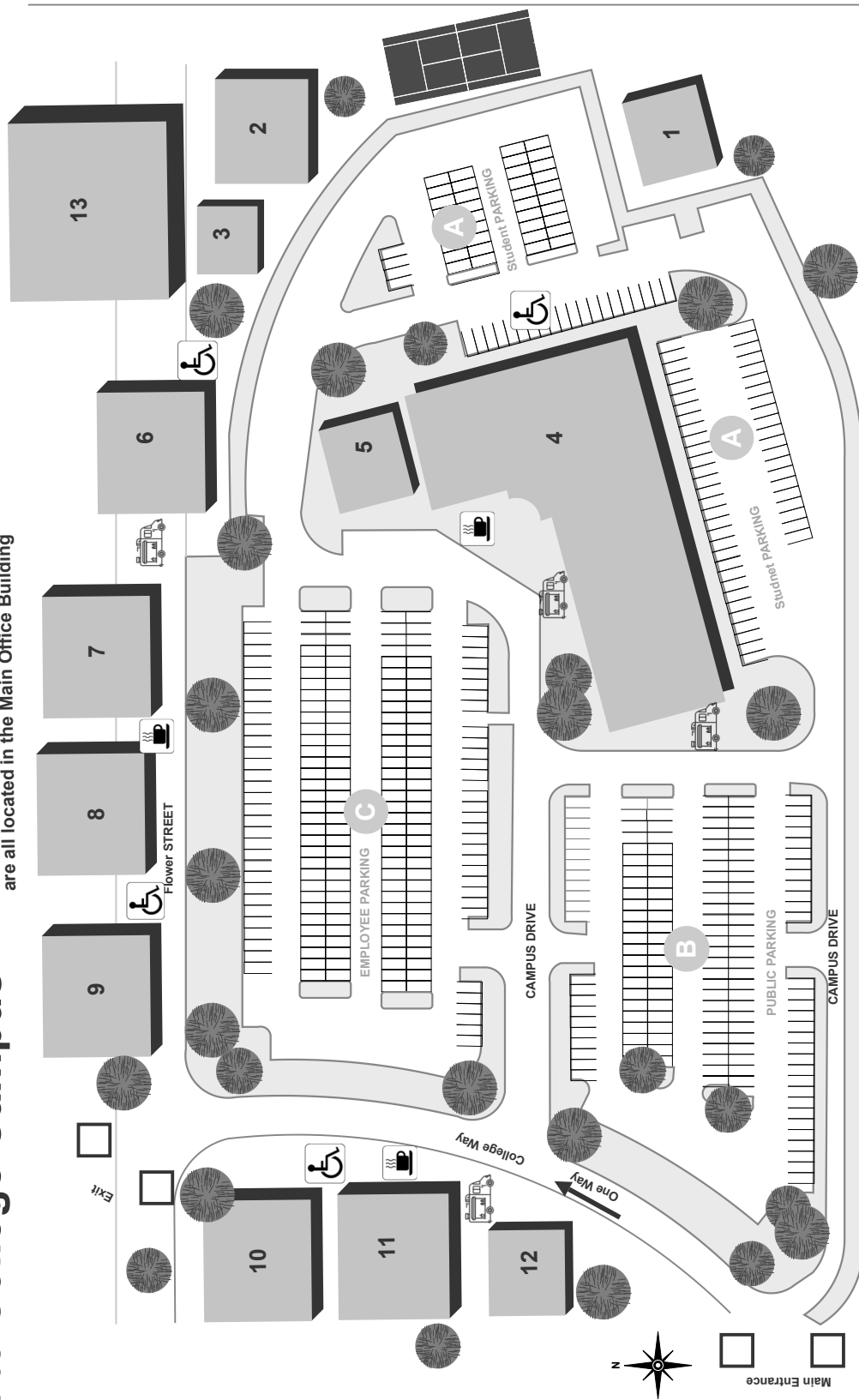
Academics
1. Art
7. Liberal Arts
8. Business
9. Sciences
10. Music
12. Media Arts

Housing
2. Zappa Hall
3. Primm Hall
5. Mobius Hall

Student Life
4. University Union
5. Student Fitness Center
6. Student Dining Hall
13. Library

Offices
11. Main Offices
Note: Individual academic
offices are located in
their respective academic
buildings.

Handicap Parking

Food Truck

Coffee Cart

Food Trucks and Coffee Cart
Hours: 8-6 Monday - Saturday
*Special events may keep them
open past normal operating hours.

State College Campus

16. Zappa Hall is northeast of which other Housing building?
    a. Mobius Hall
    b. University Union
    c. Primm Hall
    d. Main Offices

17. Which street runs north and south along the campus' eastern border?
    a. Flower Street
    b. James Blvd.
    c. Truman Blvd.
    d. College Way

18. Which academic building is located west of Campus Drive?
    a. Business
    b. Liberal Arts
    c. Media Arts
    d. None of the above

19. How many coffee carts are usually open on Sundays?
    a. 0
    b. 1
    c. 2
    d. 3

20. Employee Parking is located between which two buildings?
    a. Sciences and Media Arts
    b. Music and Business
    c. Art and the Library
    d. Student Fitness Center and the Main Office

21. Which academic building is located closest to the entrance?
    a. Art
    b. Music
    c. Media Arts
    d. Sciences

22. Which road leads to the Sports Complex?
    a. Flower Street
    b. James Blvd.
    c. Truman Blvd.
    d. College Way

23. How many buildings house individual academic offices?
    a. 0
    b. 2
    c. 4
    d. 6

24. How many handicap parking areas are there?
    a. 0
    b. 2
    c. 4
    d. 6

25. In which direction is the library from the University Union?
    a. Northwest
    b. Northeast
    c. Southwest
    d. Southeast

TRUE/FALSE

26. Most academic buildings are on the north side of campus.

27. James Blvd. is the only one-way street indicated on the map.

28. The hours listed for the library are the same as the main building.

29. Food trucks are never available after 6p.m.

30. College Way only runs south to north.

Post High School Education Enrollment and Unemployment Rate

Legend: Vocational, Community College, Undergraduate, Graduate, U.S. unemployment rate

X-axis: 2000, 2005, 2010, 2015, 2020

Left axis (Unemployment Rate): 0.00%, 2.00%, 4.00%, 6.00%, 8.00%, 10.00%, 12.00%

Right axis (Enrollment): 0, 1,000, 2,000, 3,000, 4,000, 5,000, 6,000, 7,000, 8,000
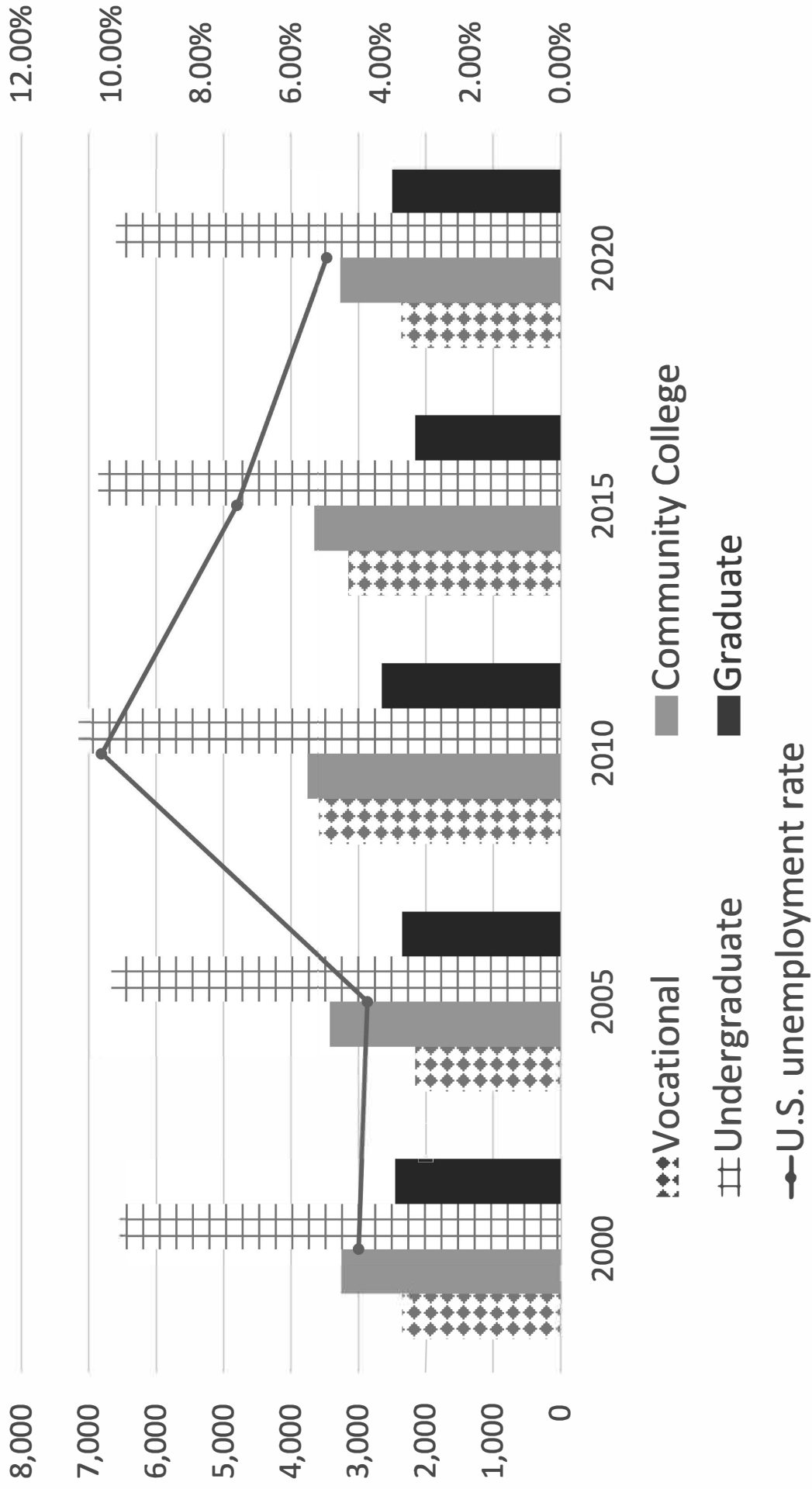
Post High School Education Enrollment and Unemployment Rate

31. Which of the following had the lowest enrollment in 2010?
    a. Vocational
    b. Community College
    c. Undergraduate
    d. Graduate

32. What year did unemployment peak?
    a. 2000
    b. 2005
    c. 2010
    d. 2015

33. How many different types of postsecondary education are included on the graph?
    a. 0
    b. 3
    c. 4
    d. 5

34. What year had the highest combined enrollment for all types of postsecondary education?
    a. 2000
    b. 2005
    c. 2010
    d. 2015

35. Which year saw the highest number of school graduates?
    a. 2000
    b. 2005
    c. 2010
    d. Not indicated on this graph

36. What span of time is covered by this graph?
    a. 5 years
    b. 10 years
    c. 15 years
    d. 20 years

37. Compared to the previous year, what year did graduate enrollment drop the most?
    a. 2005
    b. 2010
    c. 2015
    d. 2020

38. What does the right side of the y axis represent?
    a. Enrollment numbers
    b. Enrollment percentage
    c. The year
    d. Unemployment rate

39. In how many years did total enrollment for all types of postsecondary education exceed 20,000?
    a. 0
    b. 1
    c. 3
    d. 4

40. Which category had an enrollment of about 3,400 in 2005?
    a. Vocational
    b. Community College
    c. Undergraduate
    d. Graduate

TRUE/FALSE

41. Total combined enrollment increased from 2000 to 2005.

42. Enrollment at the graduate level decreased each year from 2010 to 2020.

43. Undergraduate enrollment never fell below 6,000.

44. After peaking, unemployment kept falling.

45. Enrollment in every category peaked the same year unemployment was at its highest.

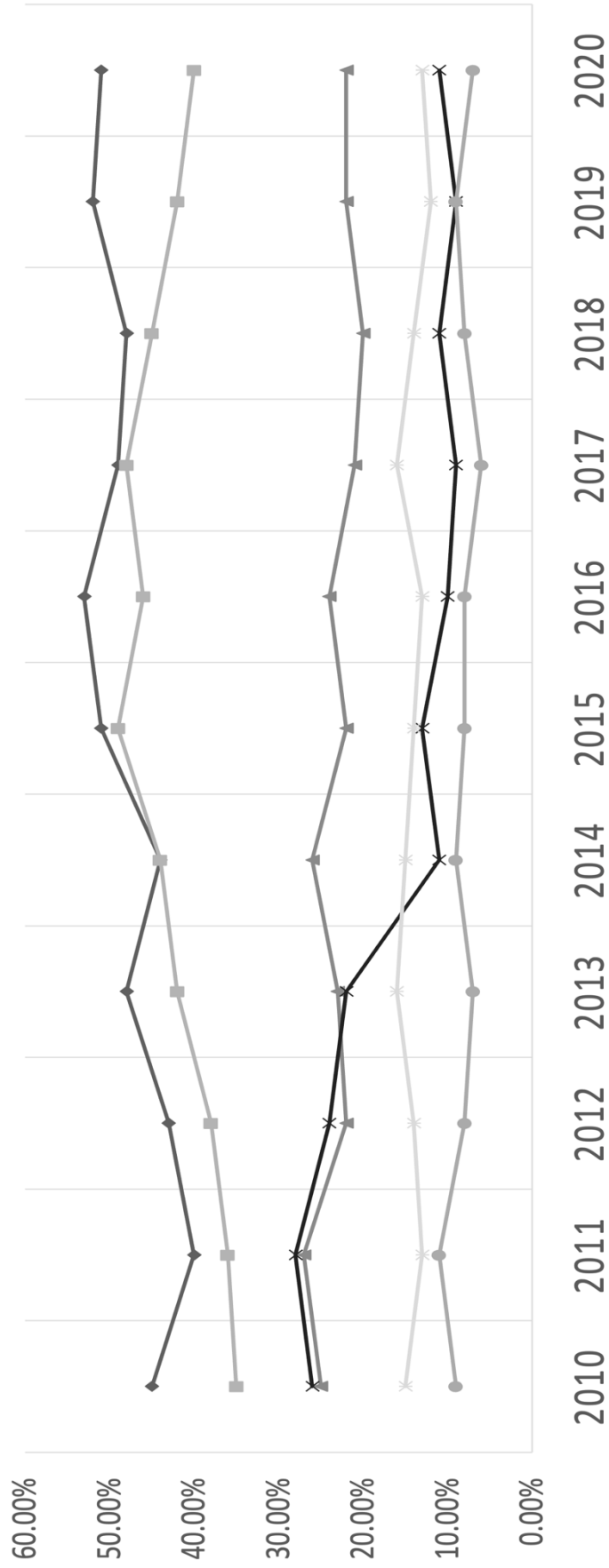This page is intentionally blank.

Europe

46. What percentage of the Netherlands is below sea level?
    a. About 25%
    b. About 50%
    c. About 75%
    d. Information not available

47. The Caucus Mountains separate Russia from what other country?
    a. Finland
    b. Ukraine
    c. Georgia
    d. Kazakhstan

48. Which of the following is the capital of Estonia?
    a. Helsinki
    b. Minsk
    c. Tallinn
    d. Belarus

49. What is the climate type of Sardinia?
    a. Steppe
    b. Mediterranean
    c. Marine
    d. Cool summer

50. Which of the following is not part of the European Union?
    a. Spain
    b. Turkey
    c. Sweden
    d. Greece

51. Germany gets most of its electricity from what source?
    a. Hydroelectricity
    b. Fossil Fuels
    c. Nuclear Power
    d. Other

52. Which country's capital is closest to the arctic circle?
    a. Finland
    b. Sweden
    c. Norway
    d. Russian

53. Which of the following French cities is located on the shores of the Loire River?
    a. Paris
    b. Orleans
    c. Nancy
    d. Metz

54. Which of the following Russian cities has the largest population?
    a. Kotlas
    b. Pechora
    c. Tver
    d. Perm

55. The Gota canal is located in what country?
    a. Sweden
    b. Finland
    c. Norway
    d. Latvia

TRUE/FALSE

56. The North Atlantic Drift flows in a northeastern direction.

57. Russia is the largest country in Europe by area and population.

58. The island of Crete is a territory of Italy.

59. The Central Russian Upland is located in both Europe and Asia.

60. Uranium can be found in Spain.

COLLEGE ACCEPTANCE RATES

Legend:
- Centeral College - Public
- Southside University - Private
- State College - Public
- Sung University - Private
- Port College - Public
- Moore University -Private

Y-axis: 60.00%, 50.00%, 40.00%, 30.00%, 20.00%, 10.00%, 0.00%

X-axis: 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020

College Acceptance Rates

61. What does y axis represent?
    a. The number of students enrolled
    b. The number of students accepted
    c. Percentage of students accepted
    d. None of the above

62. What year did acceptance rates fall the most at Southside University?
    a. 2010
    b. 2012
    c. 2014
    d. 2016

63. Which of the following institutions had the highest admission rate in 2019?
    a. Port College
    b. Southside University
    c. Sung University
    d. Moore University

64. Which of the following are private institutions?
    a. Moore University
    b. Sung University
    c. Southside University
    d. All of the above

65. In how many years were admission percentages at Sung University higher than percentages at Port College?
    a. 0
    b. 1
    c. 2
    d. 4

66. Which of the following institutions did not have the same rank in terms of acceptance rate in 2010 and 2020?
    a. State College
    b. More University
    c. Central College
    d. Southside University

67. Which institution saw the biggest increase in admit rates from 2014 to 2015
    a. Central College
    b. State College
    c. Port College
    d. Southside University

68. In how many years did Southside University have the highest admission rate among private institutions?
    a. 0
    b. 2
    c. 4
    d. 6

69. In 2016, an applicant had the lowest chance to get into which of the following institutions?
    a. Moore University
    b. Sung University
    c. Southside University
    d. Port College

70. Which of the following institutions' acceptance rate increased the most times between each year?
    a. Central College
    b. Southside University
    c. State College
    d. Sung University

TRUE/FALSE

71. The private institutions tend to have lower admission rates than the public institutions.

72. Admit rates dropped for all private institutions in 2014.

73. Port College's admit rate in 2015 was higher compared to 2010.

74. In this information set, all institutions designated as "universities" are public.

75. Four institutions had a higher admit rate in 2020 compared to 2019.

University Interscholastic League
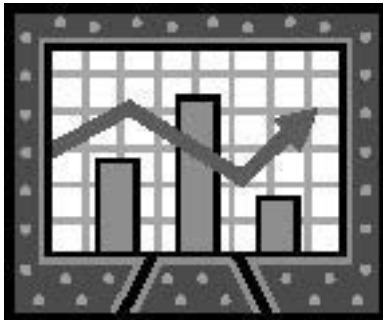## A+ Maps/Graphs/Charts Contest • 2023-2024
7/8 Fall
Answer Key

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

University Interscholastic League

Maps, Graphs & Charts
grades 5 & 6

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Australia and Oceania Political Relief Map

1. How far is it from Sydney to Cairns?
   a. About 600 miles
   b. About 1,200 miles
   c. About 1,800 miles
   d. About 2,000 miles

2. Guam is a territory of what country?
   a. Australia
   b. Philippines
   c. United Kingdom
   d. United States

3. The Torres Strait separates Australia from which country?
   a. Indonesia
   b. Papua New Guinea
   c. New Zealand
   d. Vanuatu

4. Which of the following is the territorial capital of American Samoa?
   a. Pago Pago
   b. Samoa
   c. Port Vila
   d. None of the above

5. Which country is located south of the equator?
   a. Adamstown
   b. Marshall Islands
   c. Tonga
   d. None of the above

6. A continental boundary divides which country?
   a. Samoa
   b. China
   c. Indonesia
   d. Australia

7. Which of the following cities in Indonesia has the largest population?
   a. Merauke
   b. Palembang
   c. Sorong
   d. Manado

8. Chatham Island lies east of what country's mainland?
   a. Vietnam
   b. New Zealand
   c. Malaysia
   d. All of the above

9. Which country has the most cities with populations above 500,000?
   a. Australia
   b. Cambodia
   c. New Zealand
   d. Indonesia

10. Which of the following islands is located in the Gulf of Carpentaria?
    a. Wellesley Island
    b. Henderson Island
    c. McKean Island
    d. None of the above

11. The island of New Guinea is divided between which two countries?
    a. Australia and Indonesia
    b. Papua New Guinea and Indonesia
    c. Papua New Guinea and East Timor
    d. Indonesia and Palau

12. Bougainville Island is part of which country?
    a. Vanuatu
    b. Papua New Guinea
    c. Solomon Islands
    d. Australia

13. The North Island and South Island make up which country?
    a. Tonga
    b. Samoa
    c. Fiji
    d. New Zealand

14. Which river is located in northern Australia?
    a. Darling River
    b. Mitchell River
    c. Yangtze River
    d. Mekong River

15. Which country capital can be found at 9.4° S, 159.9° E?
    a. Funafuti
    b. Santa Isabel
    c. Honiara
    d. Moresby

County Fair

Weekends starting March 1st
through the end of the month.
Hours: Fridays: 4pm to 10pm
Saturday/Sunday: 12pm to 10pm
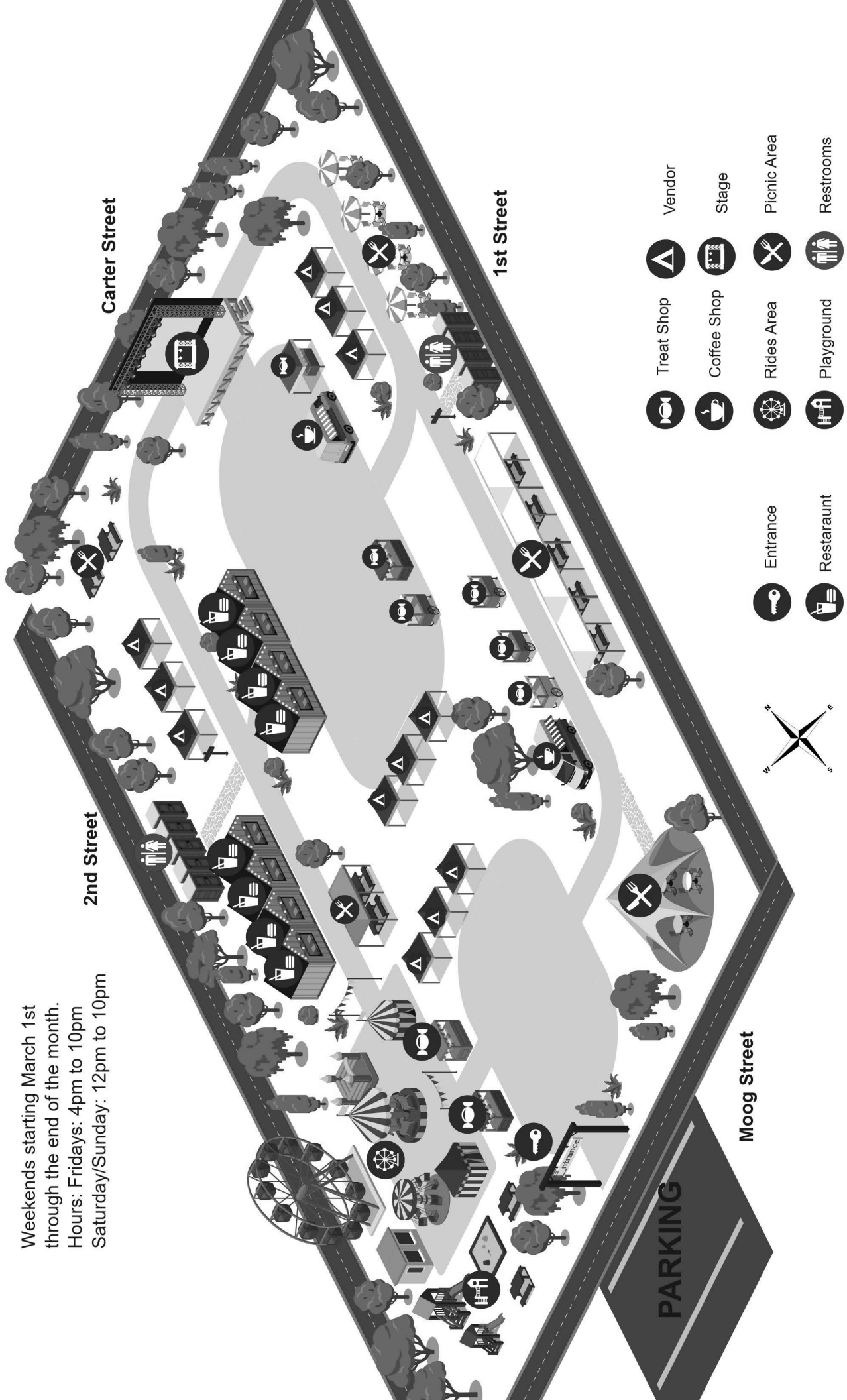
Carter Street

1st Street

2nd Street

Moog Street

PARKING

Icon	Label	Icon	Label
◁	Vendor		Treat Shop
	Stage		Coffee Shop
✕	Picnic Area		Rides Area
	Restrooms		Playground
	Entrance		Restaraunt

County Fair

16. Parking is located off of what street?
    a. 1st Street
    b. 2nd Street
    c. Carter Street
    d. Moog Street

17. What part of the map is the rides area located?
    a. Northeast
    b. Northwest
    c. Southeast
    d. Southwest

18. How many vendors are located north of the stage?
    a. 0
    b. 6
    c. 9
    d. 12

19. What time does the fair open on Sunday?
    a. 12 p.m.
    b. 4 p.m.
    c. 10 p.m.
    d. Not open

20. How many picnic areas are available?
    a. 1
    b. 3
    c. 5
    d. 7

21. Which of the following is located nearest to the entrance to the fair?
    a. Coffee Shop
    b. Treat Shop
    c. Restaurant
    d. Restrooms

22. Where is the playground located?
    a. Just south of the entrance
    b. Just north of the stage
    c. Just south of the rides area
    d. Just west of picnic area

23. All coffee shops are located south of which type of establishment?
    a. Vendor
    b. Treat Shop
    c. Restaurant
    d. Bathroom

24. What time do performances begin on the stage?
    a. 4 p.m.
    b. 12 p.m.
    c. Different times on different days
    d. Not indicated

25. How many one way streets are indicated on the map?
    a. 0
    b. 2
    c. 3
    d. 4

TRUE/FALSE

26. The fair continues through the end of April.

27. There are more vendors than any other kind of establishment indicated on the legend.

28. Bathrooms are located on the north and south end of the fair grounds.

29. The fair grounds are located south of Carter Street and east of 1st Street.

30. There are more treat shops than coffee shops.

County Fair Revenue

Revenue In Dollars

450000 400000 35000 30000 25000 20000 15000 10000 5000 0

2019   2020   2021   2022   2023

▨ Food   ■ Rides   ⊞ Merchandise   ■ Admission
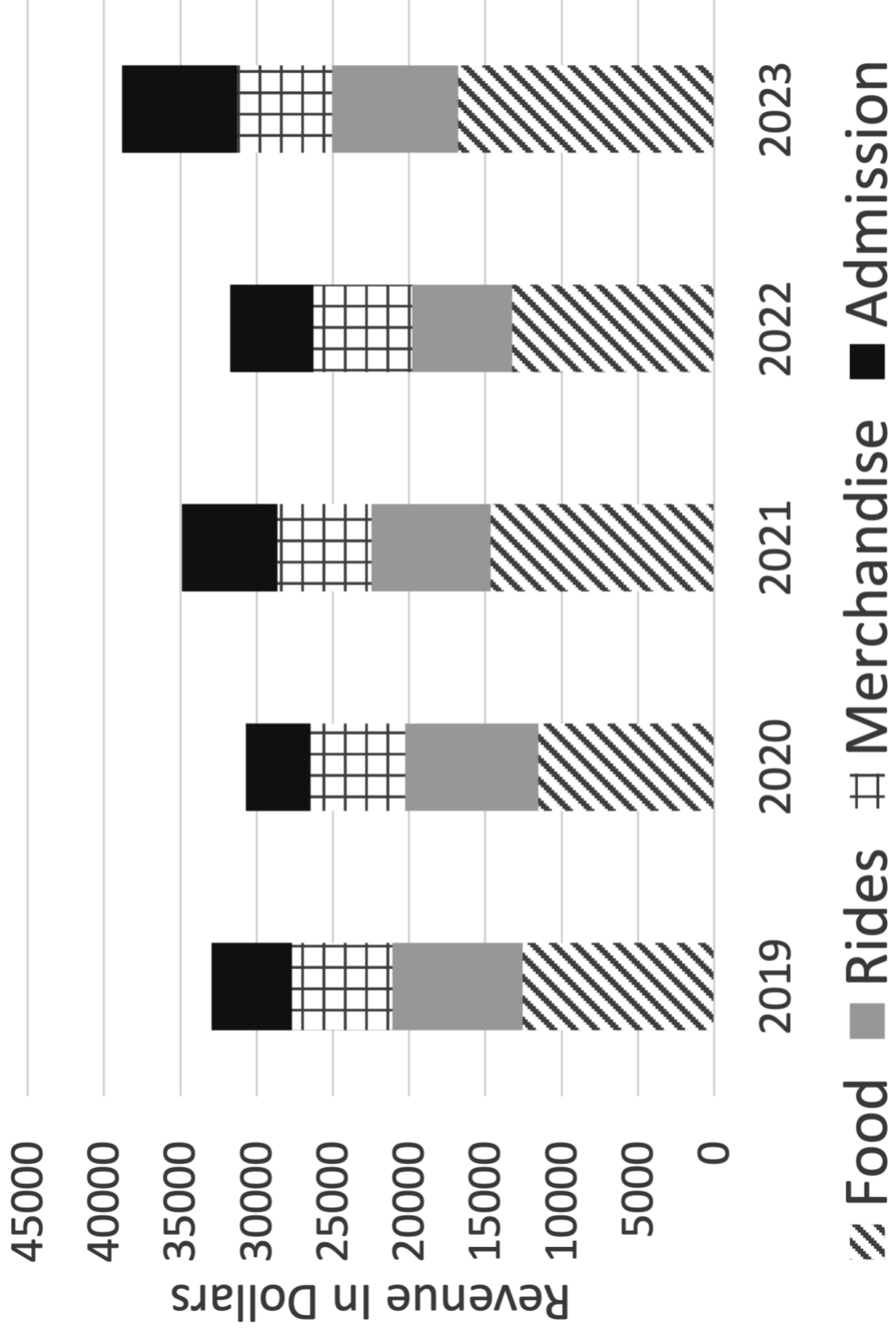
County Fair Revenue

31. How many types of revenue are detailed on this graph?
    a. 0
    b. 1
    c. 3
    d. 4

32. What year had the highest combined revenue generation?
    a. 2020
    b. 2021
    c. 2022
    d. 2023

33. In how many years did food sales account for the most revenue?
    a. 0
    b. 1
    c. 4
    d. 5

34. Which category decreased in revenue each year from 2019 to 2022?
    a. Food
    b. Rides
    c. Merchandise
    d. None of the above

35. How many times did total revenue decrease compared to the year before?
    a. 0
    b. 1
    c. 2
    d. 4

36. In how many years did admissions generate the least amount of revenue?
    a. 0
    b. 1
    c. 2
    d. 3

37. What year did merchandise generate the most revenue?
    a. 2019
    b. 2020
    c. 2021
    d. 2022

38. Approximately how much revenue came from rides and merchandise sales combine in 2021?
    a. About $10,000
    b. About $14,000
    c. About $20,000
    d. About $30,000

39. What does the lightest portion of each column represent?
    a. 2019
    b. 2023
    c. Rides
    d. Admission

40. What category saw the smallest change in revenue from 2020 to 2021?
    a. Food
    b. Rides
    c. Merchandise
    d. Admission

TRUE/FALSE

41. Food revenue increased the most from 2022 to 2023.

42. The graph covers a ten-year time span.

43. Rides generated the second most amount of revenue every year.

44. 2023 saw an increase in revenue from every category.

45. Total revenue never fell below $30,000 in a single year.

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Australia and Oceania (Various Maps)

46. What is the main land cover type on the Solomon Islands?
    a. Cropland
    b. Grassland
    c. Semi-desert and desert
    d. Tropical rain forest

47. Which island is west of the Wallace Line?
    a. Belitung
    b. Buru Island
    c. Sumba
    d. Timor

48. The largest urban area is located in which country?
    a. Australia
    b. Indonesia
    c. Marshall Islands
    d. New Zealand

49. Which country's capital is closest to the equator?
    a. Australia
    b. Nauru
    c. Cambodia
    d. Papua New Guinea

50. What resource can be found on New Caledonia?
    a. Copper
    b. Iron
    c. Tin
    d. Nickel

51. Which country exports the most wool?
    a. Australia
    b. Indonesia
    c. China
    d. New Zealand

52. The Hawaiian Islands are part of what cultural group?
    a. Aborigine
    b. Micronesia
    c. Polynesia
    d. Melanesia

53. Which country has the lowest birth rate?
    a. Australia
    b. Micronesia
    c. Papua New Guinea
    d. The World

54. Which of the following Australian cities has the highest population?
    a. Derby
    b. Roma
    c. Wyndham
    d. Ballarat

55. What is the main type of land use on Tasmania?
    a. Urban
    b. Commercial farming
    c. Subsistence farming
    d. Ranching or herding

TRUE/FALSE

56. There are more cities of over 100,000 on the North Island than the South Island of New Zealand.

57. The population centers of Australia are mainly on the coast.

58. The city of Christchurch is located in the state of South Australia.

59. Traveling from Kiribati to Nauru means you would subtract a day because of the International Dateline.

60. Wetar Island is a territory of the Solomon Islands.

AREA FAIR ATTENDANCE

Fast River Fair State Fair Big Sky Fair
Preston County Fair Central State Fair

NUMBER OF ATTENDEES

10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0

2018   2019   2020   2021   2022

61. How many fairs had their lowest attendance in 2021?
    a. 0
    b. 1
    c. 2
    d. 3

62. What fair had the highest attendance in 2018?
    a. Fast River Fair
    b. Big Sky Fair
    c. Preston County Fair
    d. Central State Fair

63. How many fairs decreased in attendance from 2020 to 2021?
    a. 0
    b. 1
    c. 2
    d. 3

64. Which fair had the most consistent number of attendees from 2018 to 2022?
    a. Fast River Fair
    b. Big Sky Fair
    c. Preston County Fair
    d. Central State Fair

65. How many fairs exceeded more than 8,000 attendees in a single year?
    a. 0
    b. 1
    c. 3
    d. 4

66. Which fair had attendance between 7000-8000 for 4 of the 5 years?
    a. Fast River Fair
    b. Big Sky Fair
    c. Preston County Fair
    d. Central State Fair

67. In 2018, which fair had approximately 4,500 attendees?
    a. State Fair
    b. Big Sky Fair
    c. Preston County Fair
    d. Central State Fair

68. What does the y-axis represent?
    a. Average number of attendees
    b. Actual number of attendees
    c. The year
    d. None of the above

69. Which fair had the biggest drop in attendees from one year to the next?
    a. State Fair
    b. Big Sky Fair
    c. Preston County Fair
    d. Central State Fair

70. What year did Big Sky Fair have the its highest attendance?
    a. 2018
    b. 2019
    c. 2020
    d. 2021

TRUE/FALSE

71. Four fairs decreased in attendance from 2020 to 2021.

72. Fast River Fair had the lowest number of attendees for all years combined.

73. Fast River Fair is the only fair that increased in attendance every year.

74. Big Sky Fair had the lowest number of attendees the most years.

75. 2018 saw a higher number of attendees for all fairs combined than 2020 did.

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

University Interscholastic League
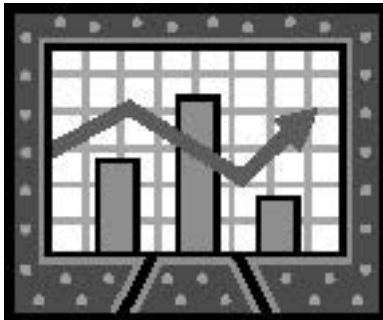
Maps, Graphs & Charts

grades 7 & 8

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

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North America

1. What state's capital is located on the shores of the Cumberland River?
   a. Oregon
   b. Florida
   c. Tennessee
   d. Vermont

2. Which of the following countries has the largest area of mainly indigenous people in areas with high population density?
   a. Nicaragua
   b. Panama
   c. Guatemala
   d. Costa Rica

3. Which country gets the most precipitation on average?
   a. Mexico
   b. Guatemala
   c. Haiti
   d. Costa Rica

4. Martinique is a territory of what country?
   a. Mexico
   b. United States
   c. Greenland
   d. France

5. I90 runs through which of the following states?
   a. Wyoming
   b. Washington
   c. Montana
   d. All of the above

6. What is the elevation level of Troy, Alabama?
   a. Below sea level
   b. 0 to 500 feet
   c. 500 to 1,000 feet
   d. 1,000 to 2,000 feet

7. Prince Albert National Park is located in what Canadian territory?
   a. Saskatchewan
   b. British Columbia
   c. Ontario
   d. Nunavut

8. Which country's capital is closest to the equator?
   a. Dominican Republic
   b. Panama
   c. Mexico
   d. Cuba

9. Which country is the least densely populated?
   a. Canada
   b. United States
   c. Greenland
   d. Costa Rica

10. Which Canadian city's airport has the most passengers per year?
    a. Edmonton
    b. Vancouver
    c. Halifax
    d. Toronto

11. What city is the territorial capital of Ontario?
    a. Ottawa
    b. Quebec
    c. Mississauga
    d. Toronto

12. How far is it from Oil City, Pennsylvania to Syracuse, New York?
    a. About 100 miles
    b. About 200 miles
    c. About 300 miles
    d. About 400 miles

13. Wetlands can mainly be found where in the United Sates?
    a. Northwest
    b. Southwest
    c. Southeast
    d. Central

14. The highest peak in North America is located in what state?
    a. Colorado
    b. Alaska
    c. New Mexico
    d. None of the above

15. Which crop does Canada export the most of?
    a. Wheat
    b. Canola
    c. Corn
    d. Barley

County Fair

Carter Street

1st Street
(One Way Street)

2nd Street
(One Way Street)

Moog Street
(One Way Street)

PARKING

Weekends starting March 1st through the end of the month.
Grounds Open: Fridays: 4pm to 10pm
Saturday/Sunday: 12pm to 10pm

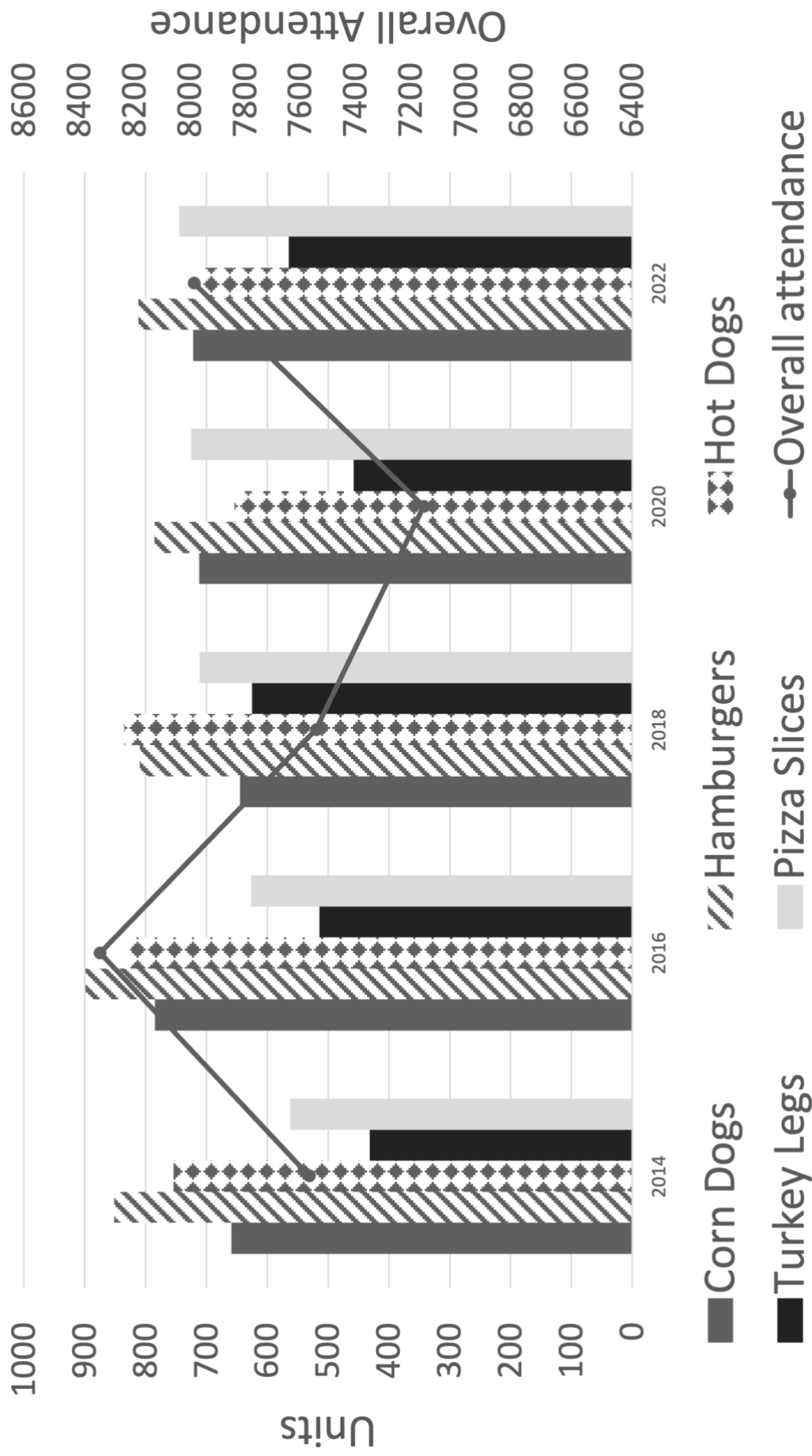**Stage Schedule:**
Live Bands: 6pm to 10pm nightly

Admission:
Adults: $5
17 and under: $3
Children 5 and under: Free

Coffee Shop
1. Joe's Coffee
7. High Plains Coffee

Snacks and Treats
2. Cotton Candy
3. Popcorn
4. Candy
5. Fried Pickels
6. Funnel Cakes
8. Churros
18. Donuts
19. Caramel Apples

Restaurants
20. Hamburger Hut
21. Hot Dog Heavan
22. Catfish Corner
23. Turkey Legs Lodge
24. Gyro Genuis
25. Pizza Time
26. Shawarma King
27. Veggie Delights

Merchandise Vendors
09. Top Notch T-shirts
10. Judy's Jewelry
11. Burt's Books
12. Beads and Strings
13. Toy Box
14. Comics and Games
15. Flower Shop
16. Sun's Dresses
17. Shoe Shop
28. Electronica
29. Sunglasses Inc.
30. Caps Caps Caps

Ticket Booth

Entrance

Stage

Restrooms

Rides Area

Playground

Picnic Area

County Fair

16. In what area of the fairgrounds is the stage located?
    a. North
    b. South
    c. East
    d. West

17. Which merchandise vendor is closest to the rides area?
    a. Caramel Apples
    b. Gyro Genius
    c. Shoe Shop
    d. Judy's Jewelry

18. How many streets on the map run both north and south?
    a. 0
    b. 1
    c. 2
    d. 4

19. How many restaurants are located next to 1st street?
    a. 0
    b. 1
    c. 3
    d. 4

20. Once the grounds open on Friday, how long before the live music starts?
    a. 0 hours
    b. 2 hours
    c. 6 hours
    d. There is no live music that day

21. Which restaurant is the furthest west?
    a. Hamburger Hut
    b. Catfish Corner
    c. Shawarma King
    d. None, they are equally situated on the west end of the map.

22. How do visitors get to the parking lot from 1st street?
    a. East on 1st then west on Moog Street
    b. South on 1st then east on Moog Street
    c. South on 1st then west on Moog Street
    d. North on 1st then west on Moog Street

23. How many picnic areas are indicated on the map?
    a. 0.
    b. 1
    c. 3
    d. 5

24. How much would it cost 5 children (age 5) to enter the fair?
    a. $5
    b. $15
    c. $25
    d. No charge

25. How many two way streets are on the map?
    a. 0
    b. 1
    c. 2
    d. 3

TRUE/FALSE

26. There are more snack and treat vendors than restaurants.

27. Joe's Coffee shop is further south than any other coffee shop.

28. One of the two playgrounds is located in southeast corner of the map.

29. The fair closes at the same time every night.

30. All restaurants are located on the western half of the map.

Fair Food Sales

Units

Overall Attendance

Overall Attendance axis: 8600, 8400, 8200, 8000, 7800, 7600, 7400, 7200, 7000, 6800, 6600, 6400

Units axis: 1000, 900, 800, 700, 600, 500, 400, 300, 200, 100, 0

Years: 2014, 2016, 2018, 2020, 2022

Corn Dogs
Turkey Legs
Hamburgers
Pizza Slices
Hot Dogs
Overall attendance

Fair Food Sales

31. What does the y-axis on the right represent?
    a. The year
    b. The number of individual food items sold
    c. Attendance per year
    d. None of the above

32. What year had the highest number of attendees?
    a. 2014
    b. 2016
    c. 2018
    d. 2022

33. What does the darkest column represent?
    a. 2016
    b. 2022
    c. Hamburgers
    d. Turkey Legs

34. In how many years did overall attendance exceed 900?
    a. 0
    b. 2
    c. 4
    d. 5

35. Which food group sold the most in a single year?
    a. Corn Dogs
    b. Hamburgers
    c. Hot Dogs
    d. Pizza Slices

36. Turkey Leg sales peaked in what year?
    a. 2016
    b. 2018
    c. 2020
    d. 2022

37. What item sold the most in 2017?
    a. Corn Dogs
    b. Hamburgers
    c. Pizza Slices
    d. Information not available

38. What year did attendance fall the most compared to the previous year on the graph?
    a. 2014
    b. 2016
    c. 2018
    d. 2022

39. Which item had higher sales every year compared to the previous year?
    a. Corn Dogs
    b. Hamburgers
    c. Hog Dogs
    d. Pizza Slices

40. How many times did pizza slices outsell hamburgers?
    a. 0
    b. 1
    c. 2
    d. 3

TRUE/FALSE

41. Attendance rose every year after 2018.

42. Only one item sold more than 900 units in a single year.

43. Four of the five items had their highest sales in 2016.

44. Hamburgers sold the most every year.

45. The year attendance was the lowest, was the year hot dogs had their lowest sales.

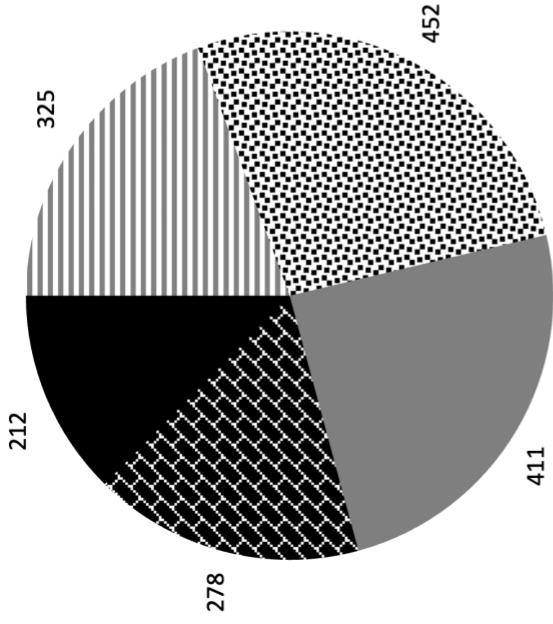This page is intentionally blank.

ASIA

46. What is the highest elevation on the Plateau of Tibet?
    a. 2,000 to 5,000 feet
    b. 5,000 to 10,000 feet
    c. 10,000 to 20,000 feet
    d. Over 20,000 feet

47. Which country does not have a working oil field?
    a. Egypt
    b. Moldova
    c. Bulgaria
    d. Kazakhstan

48. Natuna Besar Island is a territory of what country?
    a. India
    b. Indonesia
    c. China
    d. Russia

49. India has a disputed border with what country?
    a. Bangladesh
    b. Sri Lanka
    c. China
    d. Nepal

50. Which of the following countries have coastlines on the Caspian Sea?
    a. Iran
    b. Russia
    c. Turkmenistan
    d. All of the above

51. The deepest lake on the continent is located in what country?
    a. Russia
    b. China
    c. India
    d. Kazakhstan

52. Which city in China has the highest population
    a. Kunming
    b. Shanghai
    c. Changchun
    d. Harbin

53. Which of the following is a natural barrier between Russia and China?
    a. Black Sea
    b. Terek River
    c. Caspian Sea
    d. Argun River

54. Wetlands can be found in what country?
    a. Vietnam
    b. Yemen
    c. Japan
    d. None of the above

55. What is the predominant religious belief in Myanmar?
    a. Judaism
    b. Christianity
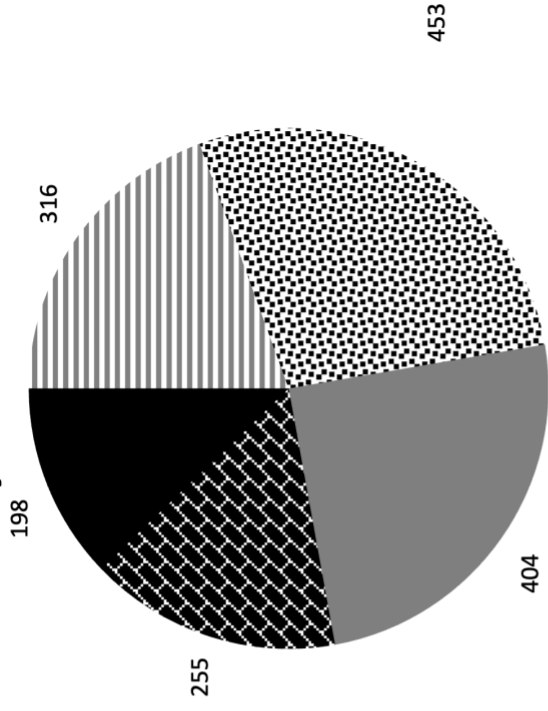   c. Islam
    d. Buddhism

TRUE/FALSE

56. India has a higher GDP than South Korea.

57. Lake Van is located in western Turkey.

58. Summer monsoon winds approach Asia from the south.

59. Hokkaido is a large island of north Japan.

60. The lowest land on earth is located on the shores of the Black Sea.
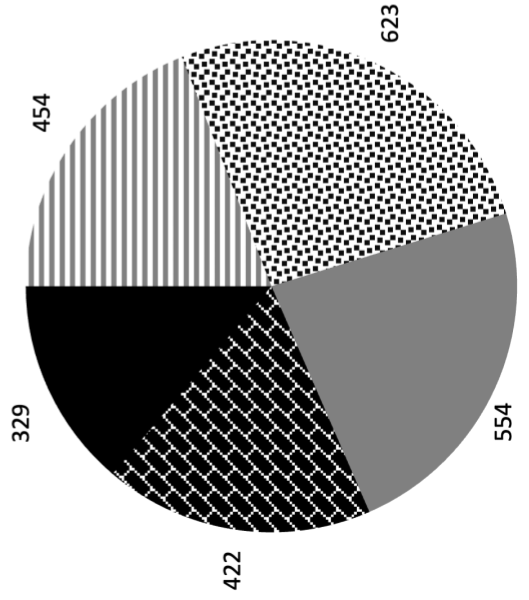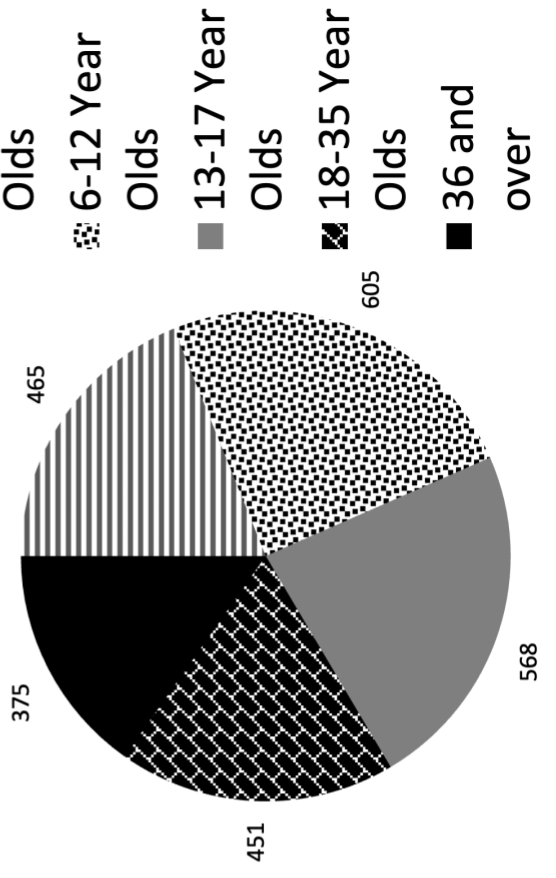
First Week Fair Attendance

Thursday

325
452
212
278
411

Friday

316
453
198
255
404

Saturday

454
623
329
422
554

Sunday

465
605
375
451
568

Legend:
- 0-5 Year Olds
- 6-12 Year Olds
- 13-17 Year Olds
- 18-35 Year Olds
- 36 and over

First Week Fair Attendance

61. How much time is covered by the graph?
    a. One day
    b. Four days
    c. Four weeks
    d. One month

62. What does the top left pie chart represent?
    a. 0-5 year olds
    b. 6-12 year olds
    c. Thursday
    d. The first week of the fair

63. Which group had the highest attendance on Friday?
    a. 0-5 year olds
    b. 6-12 year olds
    c. 13-17 year olds
    d. 18-35 year olds

64. In how many days did the 36 and over group have the lowest attendance?
    a. 1
    b. 2
    c. 3
    d. 4

65. How many times were there more 13-17 year old attendees than 6-12 year old attendees?
    a. 0
    b. 1
    c. 3
    d. 4

66. What day had the most attendees?
    a. Thursday
    b. Friday
    c. Saturday
    d. Sunday

67. Which group had the highest attendance in a single day?
    a. 0-5 year olds
    b. 6-12 year olds
    c. 13-17 year olds
    d. 18-35 year olds

68. What day did the 18-35 year old group have the lowest attendance?
    a. Thursday
    b. Friday
    c. Saturday
    d. Sunday

69. In how may groups did attendance increase every day?
    a. 0
    b. 1
    c. 2
    d. 3

70. What group had the highest increase in attendance from Thursday compared to Sunday?
    a. 6-12 year olds
    b. 13-17 year olds
    c. 18-35 year olds
    d. 36 and over

TRUE/FALSE

71. Attendance for the two older groups is higher Saturday and Sunday.

72. Peak attendance for all groups was on Saturday.

73. Total attendance never fell below 1,500 in a single day.

74. Attendance on Friday fell for most groups compared to Thursday.

75. Each separate pie chart shows 100% of the attendance for each day.

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