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Score Test Below:

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**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

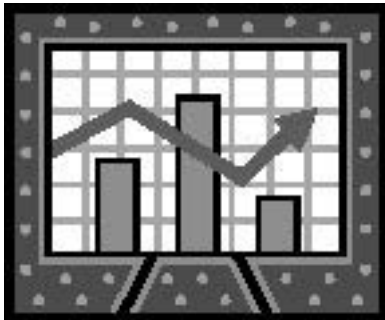
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| 2. A | B | C | D | 27. T | F | 52. A | B | C | D | | |
| 3. A | B | C | D | 28. T | F | 53. A | B | C | D | | |
| 4. A | B | C | D | 29. T | F | 54. A | B | C | D | | |
| 5. A | B | C | D | 30. T | F | 55. A | B | C | D | | |
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| 8. A | B | C | D | 33. A | B | C | D | 58. A | B | C | D |
| 9. A | B | C | D | 34. A | B | C | D | 59. A | B | C | D |
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| 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 2018-2019

A+ ACADEMICS



University Interscholastic League



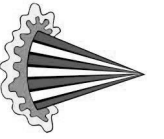
Maps, Graphs & Charts

grades 5 & 6

**DO NOT OPEN TEST
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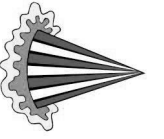
Africa Political Relief Map

- Which of the following countries is the furthest east?
 - Oman
 - Chad
 - Namibia
 - Senegal
- The blue lines on the map indicate what?
 - country boundaries
 - ocean shore
 - lakes
 - rivers
- How far is it from the capital of Kenya to the capital of Zambia?
 - about 500 miles
 - about 800 miles
 - about 1,200 miles
 - about 1,500 miles
- The Nile River does not run through which of the following?
 - Egypt
 - Sudan
 - South Sudan
 - Gabon
- The Island of Socotra belongs to what country?
 - South Africa
 - Madagascar
 - Algeria
 - Yemen
- Which of the following countries has a capital closest to the Gulf of Sidra?
 - Tanzania
 - Libya
 - Algeria
 - South Africa
- What geographic feature forms a boundary between Congo and Tanzania?
 - Lake Victoria
 - Lake Tanganyika
 - Nile River
 - Congo River
- Lusaka is the capital of what country?
 - Zambia
 - Mali
 - Morocco
 - Guinea
- The medium sized dots on the map represents what?
 - capitals
 - cities
 - historic sites
 - islands
- Which of the following cities has the highest population?
 - Kananga, Congo
 - Huambo, Angola
 - Durban, South Africa
 - Port Harcourt, Nigeria
- Which of the following capital cities is on an island?
 - Las Palmas
 - Windhoek
 - Tripoli
 - Moroni
- St. Helena is a territory of what country?
 - France
 - U.K.
 - Madagascar
 - South Africa
- How many miles does one inch represent on the map?
 - 250
 - 520
 - 730
 - 940
- The capital of what country is closest to the largest lake on the continent?
 - Uganda
 - Tanzania
 - Sudan
 - Benin
- The Tropic of Cancer runs through which of the following?
 - Atlas Mountains
 - Sahara Desert
 - Gulf of Aden
 - Namib Desert



Palmer School Carnival

Saturday, September 11th
11 a.m. to 6 p.m.



To Palmer Elementary

To Highway 12

Palmer Lane

Cake-walk

Dunking Booth

Gone Fishing

Basketball

Ring Toss

Snow Cone Stand

Four picnic table icons

Leo's Pizza

Texan's BBQ

Bounce House

Picnic table icon

Picnic table icon

Picnic table icon

Pony Rides

Bowling

Pie Toss

Burger Barn

Obstacle Course

Restrooms

Coffee Corner

Face Painting

Palmer School Merchandise



Parking Lot

Ticket Booth

Parking Lot

Karaoke

Main Street

Legend	
	Carnival Games
	Food Booth
	Ticket Booth
	Activities
	Shops
	Picnic Area
	Water Fountain
	Restroom

Tickets: 20 for \$10
50 for \$20

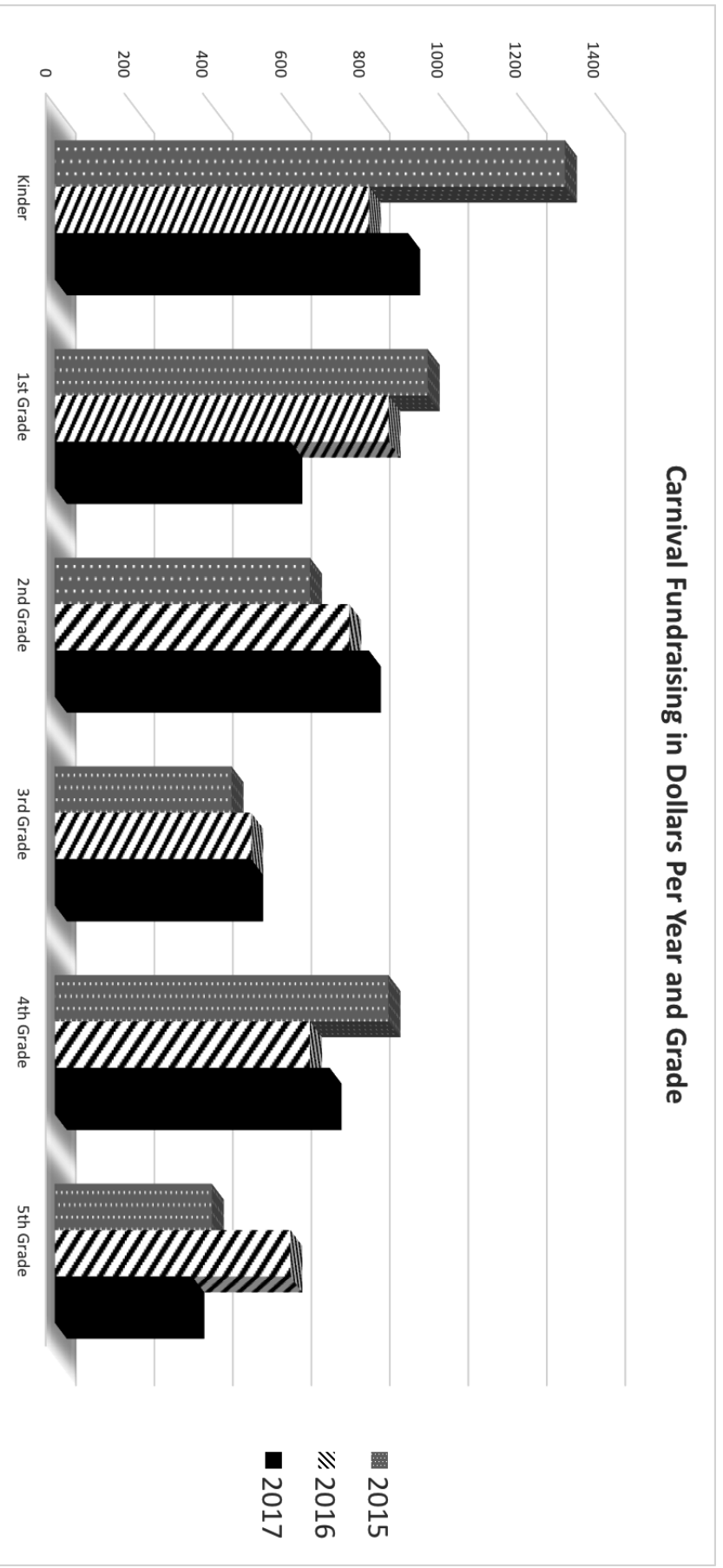
Carnival Games: 1 ticket
Activities: 2 tickets

Food Vendors and Shopping
Booths are
CASH ONLY

Palmer School Carnival

16. How many different activities are offered at the carnival?
- 5
 - 6
 - 7
 - 8
17. What time does the carnival begin?
- 8 a.m.
 - 11 a.m.
 - 6 p.m.
 - not indicated
18. Which activity is the furthest east?
- obstacle course
 - bowling
 - pony rides
 - ring toss
19. Which food booth is closest to the restrooms?
- Coffee Corner
 - Pie Toss
 - Burger Barn
 - Bowling
20. How many parking areas are available?
- one
 - two
 - three
 - 0
21. Which street runs to Highway 12?
- Main Street
 - Palmer Street
 - Carnival Lane
 - Palmer Lane
22. Face painting costs how many tickets?
- 0 (free)
 - 1
 - 2
 - 3
23. How many places are there to use tickets?
- 10
 - 11
 - 12
 - 13
24. Which activity is closest to the southern parking lot?
- Ticket Booth
 - Karaoke
 - Face Painting
 - Basketball
25. Which food stand is nearest most of the carnival games?
- Snow Cone Stand
 - Coffee Corner
 - Pie Toss
 - Cake-Walk
- TRUE/FALSE**
26. The pie toss is cash only.
27. Heading west from Highway 12 will take you to the carnival.
28. Karaoke performances are probably viewable from one of the picnic areas.
29. Going on the pony rides costs twice as many tickets as bowling.
30. The carnival takes place on the Palmer Elementary campus.

Carnival Fundraising in Dollars Per Year and Grade



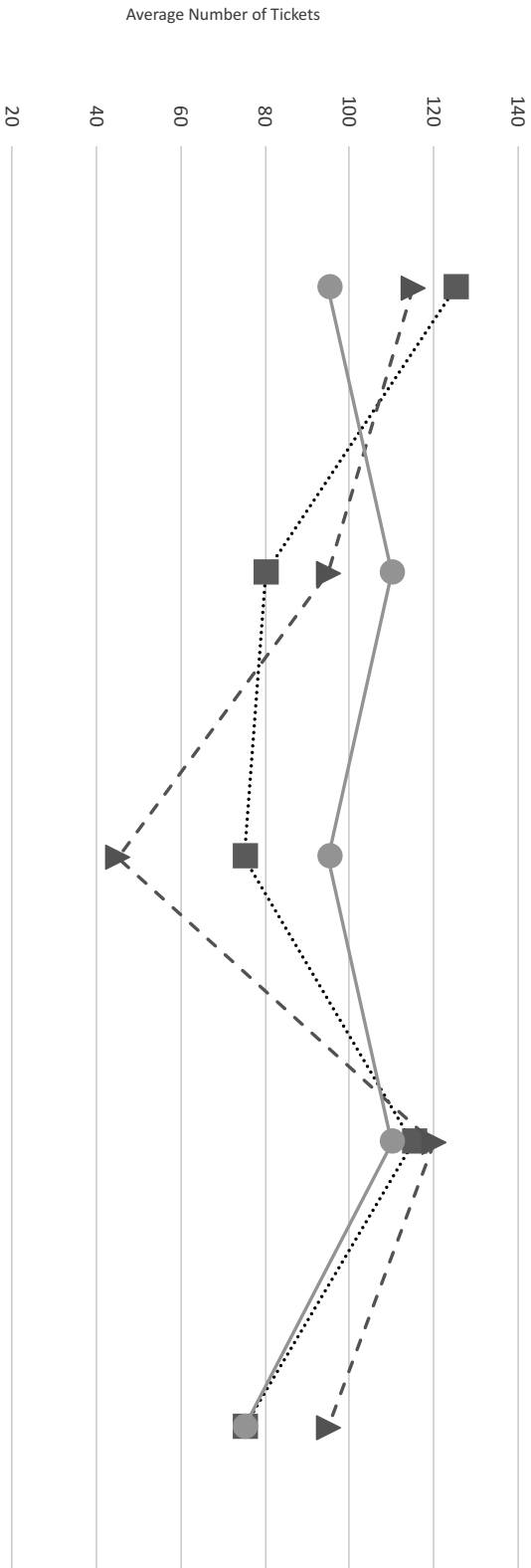
Carnival Fund Raising in Dollars Per Year and Grade

31. What information is depicted on the y axis?
- the year
 - the class
 - amount raised in dollars
 - amount raised per individual booth
32. What do the solid black bars represent?
- amount raised in dollars
 - amount raised per individual booth
 - the year 2016
 - the year 2017
33. Which grade raised the most money over the years shown?
- kinder
 - first
 - second
 - third
34. Which grade had the lowest amount raised in a single year?
- 3rd grade
 - 4th grade
 - 5th grade
35. Which grade increased the amount raised every year?
- kinder
 - first
 - second
 - third
36. Which year had the lowest total amount for all grades?
- 2015
 - 2016
 - 2017
 - 2018
37. Which grade had the highest increase in the amount raised compared to the previous year?
- 2nd grade
 - 3rd grade
 - 4th grade
 - 5th grade
38. In how many years did the 4th grade raise more than the 1st grade?
- 0
 - 1
 - 2
 - 3
39. 2016 saw the lowest amount raised for how many of the grades?
- 0
 - 1
 - 2
 - 3
40. What was the smallest amount raised by any grade in a single year?
- 200
 - 350
 - 500
 - 550
- TRUE/FALSE**
41. The total amount raised by all grades combined went down each year.
42. Fund raising for 3rd grade increased every year.
43. The amounts for all grades combined has tended to increase year by year.
44. The highest amount raised in a single year was by the kinder class.
45. The fifth graders always raised the least amount of money.

Antarctica and the Arctic

46. Calving results in the formation of what?
- new land masses
 - icebergs
 - glaciers
 - islands
47. The red dots on the land cover map indicate what?
- research stations
 - cities
 - capitals
 - disputed zones
48. What is the elevation of Vinson Massif?
- about 10,000 feet
 - about 15,000 feet
 - about 22,000 feet
 - about 25,000 feet
49. The Maitri Research Station is run by what country?
- India
 - Russia
 - China
 - United States
50. How thick is the ice cap on the Polar Plateau?
- up to 2.5 miles thick
 - up to 3.5 miles thick
 - up to 5 miles thick
 - up to 10 miles thick
51. What lies at a latitude of 90° south and a longitude of 0°?
- the Prime Meridian
 - Southern Ocean
 - South Pole
 - Vinson Massif
52. Pink areas indicate what type of land cover?
- tundra
 - glacier
 - semi-desert
 - frozen lakes
53. Compared to the Arctic, Antarctica is...
- much colder
 - further west
 - at a lower elevation
 - further east
54. How much of the world's land mass is covered by permafrost?
- about 25%
 - about 50%
 - about 66%
 - about 75%
55. The Prime Meridian runs through the capital of what country?
- Russia
 - Canada
 - China
 - U.K.
56. The land cover of Greenland is mainly of what type?
- tundra
 - grassland
 - glacier
 - cropland
57. What does the blue dotted line indicate?
- international boundary
 - continental boundary
 - disputed boundary
 - Prime Meridian
58. The Amur River runs through what country?
- Russia
 - Greenland
 - China
59. Antarctica accounts for what portion of the earth's fresh water?
- | | |
|--------|--------|
| a. 50% | c. 70% |
| b. 60% | d. 80% |
60. The average minimum ice extent at the North pole is in what month?
- April
 - June
 - September
 - October

Carnival Ticket Collections



Activity	2015	2016	2017
Karaoke	95	115	125
Ring Toss	110	95	80
Pie Toss	95	45	75
Dunking Booth	110	120	115
Face Painting	75	95	75

Carnival Ticket Collections

61. What year did the ring toss bring in the most tickets?
a. 2017
b. 2016
c. 2015
62. How many booths are represented in this graph?
a. one
b. three
c. five
d. seven
63. In 2016, what booth collected the most tickets?
a. the dunking booth
b. karaoke
c. the ring toss
d. face painting
64. What does the solid line represent?
a. the year 2017
b. the year 2016
c. the year 2015
65. In how many years did the ring toss collect more than the pie toss?
a. two
b. one
c. none
d. three
66. Which booth had the highest drop-off in tickets from the previous year?
a. karaoke
b. ring toss
c. dunking booth
d. pie toss
67. What does the triangle represent?
a. number of tickets in 2017
b. number of tickets in 2016
c. number of tickets in 2015
68. What booth collected the most tickets for all three years combined?
a. karaoke
b. ring toss
c. pie toss
d. dunking booth
e. face painting
69. How many times did the same booth collect the same number of tickets in different years?
a. 0
b. 1
c. 2
70. Which booth stayed above 100 tickets collected for all three years?
a. karaoke
b. ring toss
c. dunking booth
d. face painting
- TRUE/FALSE**
71. The ring toss is the only booth that has collected less tickets each year.
72. The graph indicates how many people attended the carnival.
73. The lowest number of tickets collected in a single booth occurred in 2016.
74. The most consistent number of tickets collected was in the dunking booth.
75. The graph indicates that booths closer to where ticket sales occur tend to collect more tickets.



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5/6 Invitational
Answer Key

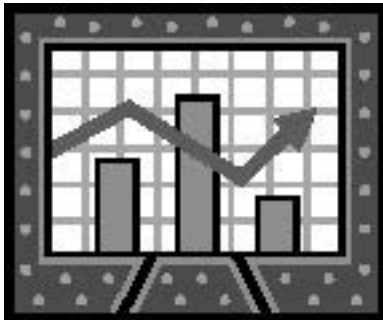
- | | | |
|-------|-------|-------|
| 1. B | 26. F | 51. C |
| 2. D | 27. T | 52. A |
| 3. C | 28. T | 53. A |
| 4. D | 29. T | 54. A |
| 5. D | 30. F | 55. D |
| 6. B | 31. C | 56. C |
| 7. B | 32. D | 57. B |
| 8. A | 33. A | 58. D |
| 9. B | 34. C | 59. C |
| 10. C | 35. C | 60. C |
| 11. D | 36.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

INVITATIONAL 2018-2019

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 7 & 8

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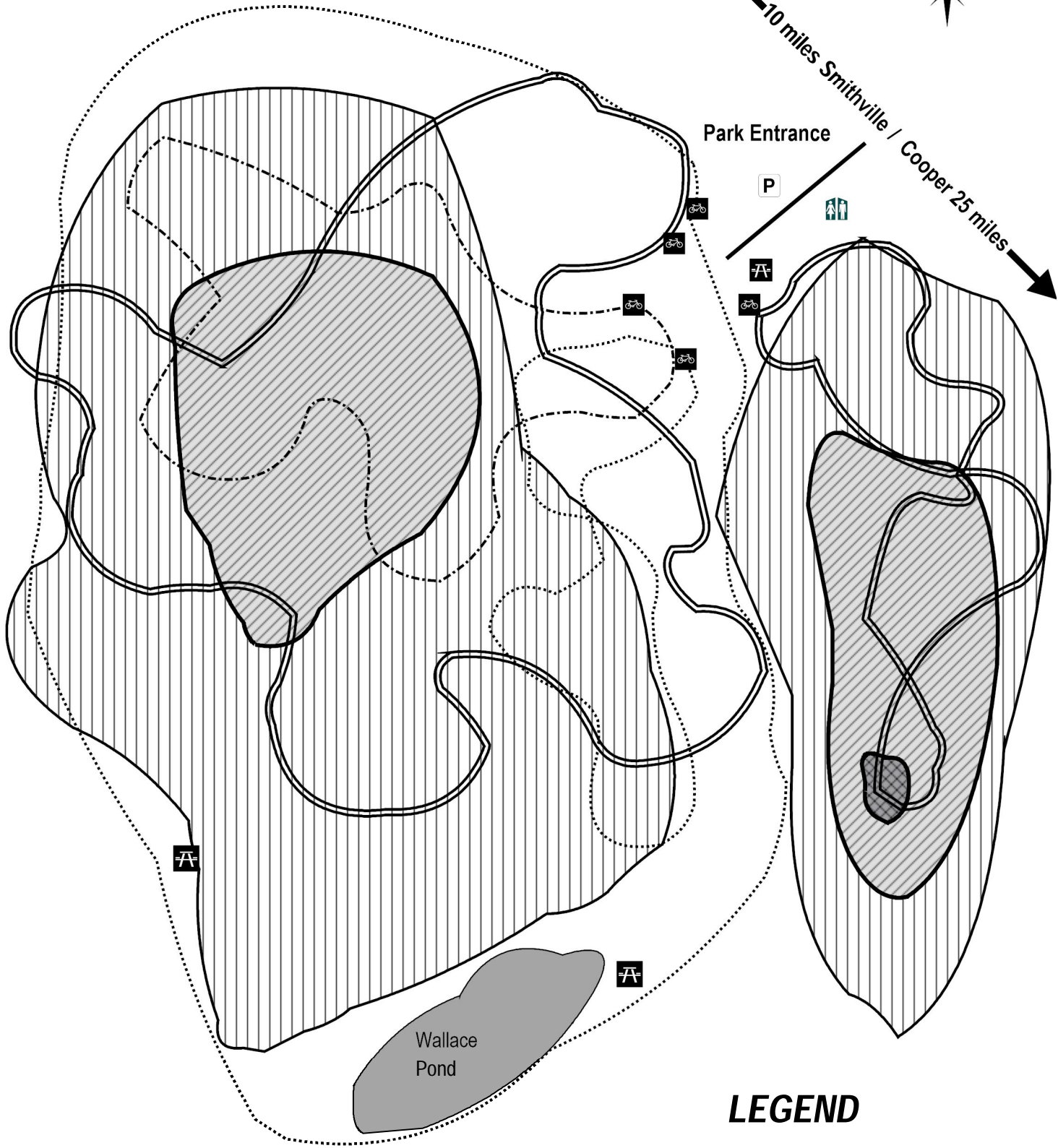
South America

1. What country has two of the largest urban areas in South America?
 - a. Brazil
 - b. Argentina
 - c. Colombia
 - d. Peru
2. How many miles does one inch equal on the elevation map cross-section?
 - a. 1,000
 - b. 315
 - c. 220
 - d. 100
3. What is the climate type for most of central Brazil?
 - a. tropical
 - b. savanna
 - c. marine
 - d. humid subtropical
4. The highest elevations are found in what area of the continent?
 - a. near the northern coast
 - b. near the eastern coast
 - c. near the southern coast
 - d. near the western coast
5. Which city in Argentina has the largest population?
 - a. Rosario
 - b. La Plata
 - c. Formosa
 - d. Buenos Aires
6. Which of the following countries has the highest percentage of indigenous descendants?
 - a. Bolivia
 - b. Colombia
 - c. Venezuela
 - d. Guyana
7. The Uruguay River forms part of the border between Argentina and what other country?
 - a. Chile
 - b. Brazil
 - c. Bolivia
 - d. Paraguay
8. Glacier land cover can be found in what country?
 - a. Chile
 - b. Suriname
 - c. Ecuador
 - d. Guyana
9. What do the pink lines on the land cover map represent?
 - a. shift in land cover type
 - b. time zone boundary
 - c. latitude lines
 - d. international boundary
10. What country's capital is closest to the Equator?
 - a. Ecuador
 - b. Brazil
 - c. Colombia
 - d. Peru
11. What percentage of modern medicine is developed from rain forest plants?
 - a. 15%
 - b. 20%
 - c. 25%
 - d. 30%
12. Which of the following resources can be found in French Guiana?
 - a. oil
 - b. natural gas
 - c. iron
 - d. gold
13. The Falkland Islands are a territory of what country?
 - a. U.S.
 - b. U.K.
 - c. Brazil
 - d. France
14. What is the elevation of Mt. Chimborazo in Ecuador?
 - a. about 10,000 feet
 - b. about 15,000 feet
 - c. about 20,000 feet
 - d. about 25,000 feet
15. Which of the following crops grows best at higher elevations?
 - a. barley
 - b. bananas
 - c. rice
 - d. cacao

Trinity Park: Mountain Bike Trails



10 miles Smithville / Cooper 25 miles



LEGEND

Easiest Trails



Advanced Trails



Expert Trails



Elevation in Feet



Parking



Bathroom



Picnic Area



Bike Trail Start

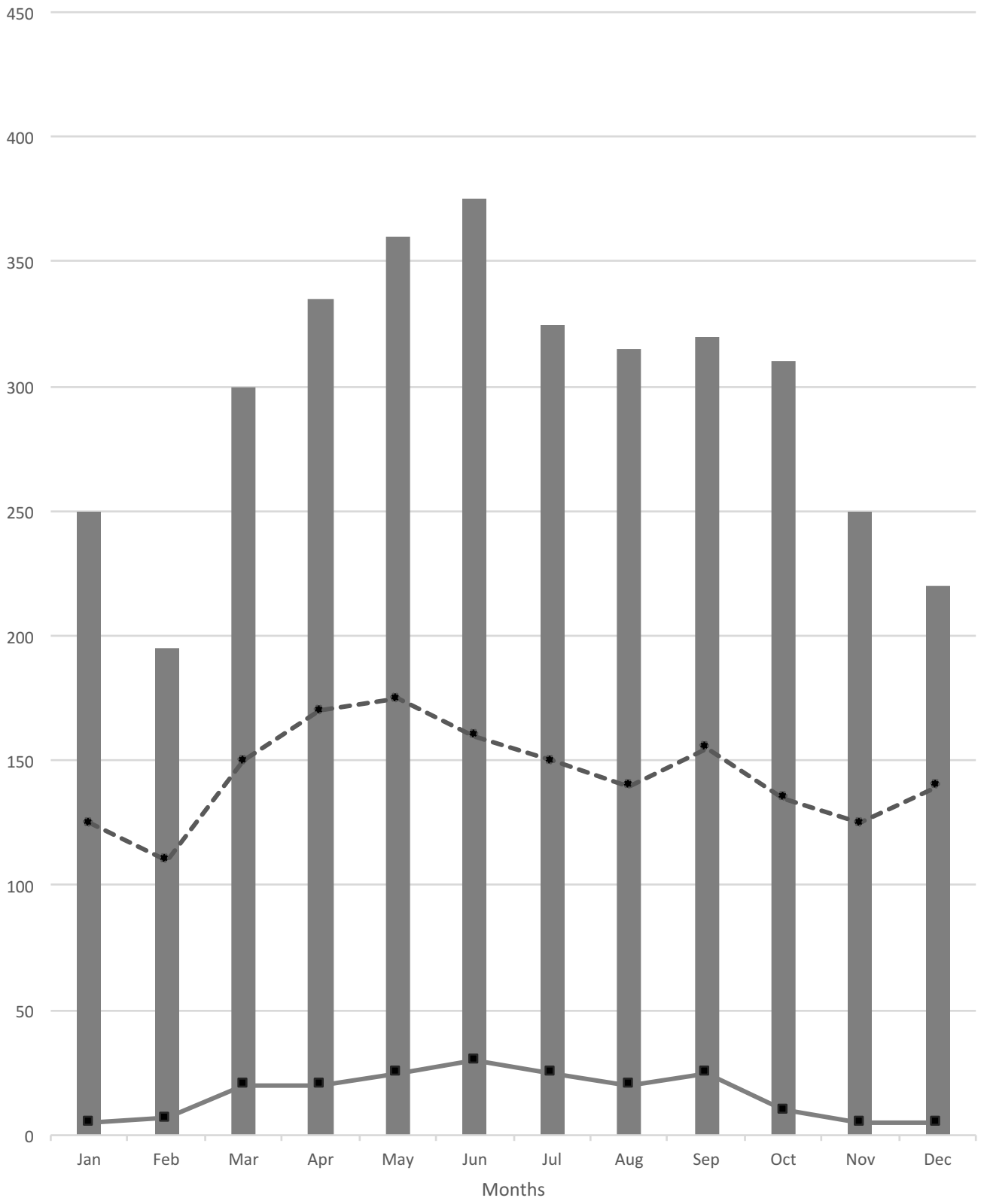


1 inch = .5 miles

Trinity Park: Mountain Bike Trails

16. What does the symbol of the bike represent?
- bike repair shop
 - picnic area
 - bike trail start
 - bathrooms
17. How many types of bike trails are there in the park?
- 1
 - 2
 - 3
 - 4
18. Two inches on the map would equal how many miles?
- .5
 - 1
 - 2
 - 4
19. What does the solid double line represent?
- highway
 - easy trail
 - advanced trail
 - expert trail
20. Which type of trail goes the furthest south?
- highway
 - easy trail
 - advanced trail
 - expert trail
21. How many parking areas are indicated on the map?
- 0
 - 1
 - 2
 - 3
22. What is the highest elevation on the map?
- 100-300 feet
 - 300-600
 - 600-700
 - 700-900
23. How many miles is it to the nearest town?
- 5
 - 10
 - 20
 - not indicated on the map
24. What type of trail goes through the highest elevation?
- highway
 - easy trail
 - advanced trail
 - expert trail
25. How many advanced trails are there?
- 1
 - 2
 - 3
 - 4
- TRUE/FALSE**
26. One of the advanced trails runs just south of Wallace Pond.
27. Cooper is 25 miles north of the park.
28. There are an equal number of expert and easy trails.
29. There are more picnic areas by the advanced trails than there are by the other types of trails.
30. The highest elevation an easy trail reaches is the 100-300 feet level.

Monthly Averages: Visitors And Bikes Entering Trinity Park



■ Number of Visitors ■ Overnight Campers * Bikes Brought to Park

Trinity Park: Monthly Averages

31. What does the dotted line represent?
- number of visitors per month
 - overnight campers
 - bikes brought into park
 - average temperatures for each month
32. Which month had the fewest number of visitors?
- September
 - May
 - August
 - November
33. What information is shown on the x axis?
- the month
 - number of visitors
 - overnight campers
 - bikes brought into park
34. In how many months were more than 100 bikes brought into the park?
- 0
 - 6
 - 8
 - 12
35. What month had the highest number of bikes in the park?
- May
 - June
 - July
 - August
36. The information on the graph represents what year?
- 2017
 - 2018
 - 2019
 - not indicated
37. How many months were there around 10 overnight campers?
- 2
 - 5
 - 6
 - 0
38. Which two months had the same number of total visitors?
- March and September
 - April and August
 - February and June
 - January and November
39. The biggest drop in the number of visitors happened in what month?
- September
 - October
 - November
 - December
40. May saw the highest numbers for what single category?
- number of visitors per month
 - bikes brought to park
 - overnight campers
 - none

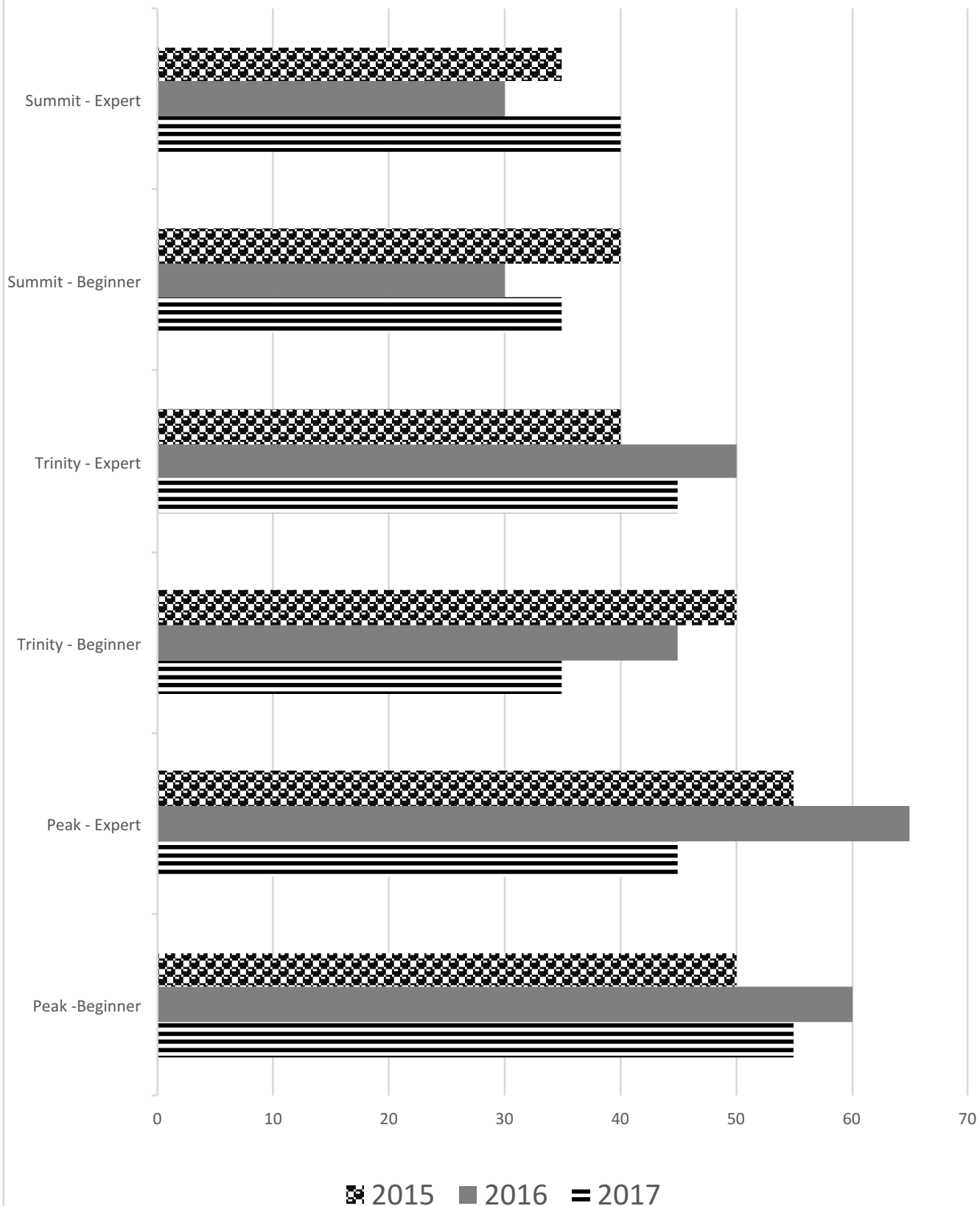
TRUE/FALSE

41. The month with the highest number of visitors also had the highest number of overnight campers.
42. Compared to the previous month, when the number of visitors rises, the number of bikes in the park also rises.
43. February had the lowest numbers for all three categories.
44. Summer months have more overnight campers than winter months.
45. May saw an increase in all three categories.

North America

46. Which of the following is an agricultural product of New Mexico?
- beef
 - dairy
 - corn
 - wheat
47. Most of the east coast of the United States falls into what rainfall range?
- 10-20 inches
 - 20-40 inches
 - 40-80 inches
 - over 80 inches
48. The largest urban area is in what country?
- Greenland
 - Canada
 - U.S.
 - Mexico
49. The climate of Greenland is mainly of what type?
- marine
 - tundra
 - ice cap
 - highland
50. The Bering Strait forms a boundary between the U.S. and what other country?
- Russia
 - Canada
 - Mexico
 - Greenland
51. How far is between the capitals of Belize and Panama?
- about 400 miles
 - about 800 miles
 - about 1,600 miles
 - about 3,200 miles
52. Being on the leeward side of a mountain range results in which of the following?
- more rain
 - less rain
 - longer winters
 - longer summers
53. Which of the following countries is not part of CAFTA-DR?
- Mexico
 - U.S.
 - Honduras
 - Nicaragua
54. The largest percentage of immigrants to the U.S. are from where?
- Asia
 - South America
 - Middle America
 - Europe
55. The dotted lines on the political relief map of Canada indicate what?
- international boundary
 - national boundary
 - province boundary
 - country boundary
56. Forests cover how much of Canada?
- | | |
|--------|--------|
| a. 30% | c. 50% |
| b. 40% | d. 60% |
57. Volcanoes are most active in which area?
- North American Plate
 - Pacific Plate
 - Caribbean Plate
 - South American Plate
58. Which of the following is Cuba's primary trade partner?
- U.S.
 - China
 - Venezuela
 - European Union
59. What is the fastest growing means of transportation in the U.S.?
- | | |
|--------|----------|
| a. air | c. bus |
| b. car | d. train |
60. Which of the following statements about U.S. farms is not true?
- the number of farms is decreasing
 - farm sizes are decreasing
 - farm population has been decreasing
 - all are true

Mountain Bike Race Entries by Year and Level



Mountain Bike Race Entries by Year and Level

61. How many years are represented on the graph?
- three
 - four
 - five
 - six
62. What does the striped bar represent?
- the year 2015
 - the year 2016
 - the year 2017
63. What year did Summit have more beginners than experts?
- 2015
 - 2016
 - 2017
64. Which year had the highest total entries?
- 2015
 - 2016
 - 2017
65. How many categories per year are displayed?
- one
 - two
 - three
 - four
66. How many different race locations are on the graph?
- one
 - two
 - three
 - four
67. Which race had the most beginners in a single year?
- Summit
 - Trinity
 - Peak
68. What year had the highest total amount of experts for all locations?
- 2015
 - 2016
 - 2017
69. How many times did beginners outnumber the experts at Peak?
- 6
 - 5
 - 3
 - 1
70. Which single race category had the highest participation in 2016?
- Summit- Expert
 - Summit- Beginner
 - Trinity- Beginner
 - Peak- Expert
- TRUE/FALSE**
71. The least popular expert site was Summit for all three years.
72. Summit had an equal number of experts and beginners in 2016.
73. The graph indicates races held later in the year have higher participation.
74. Trinity had higher participation than Summit every year in every category.
75. The x axis provides information on the number of participants.



University Interscholastic League
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7/8 Invitational
Answer Key

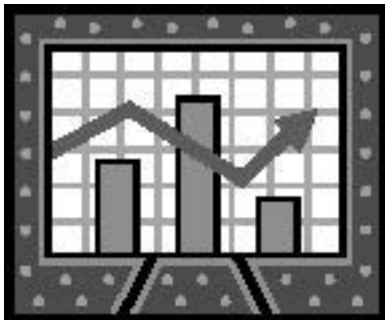
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| 4. D | 29. F | 54. C |
| 5. D | 30. T | 55. C |
| 6. A | 31. C | 56. B |
| 7. B | 32. D | 57. C |
| 8. A | 33. A | 58. D |
| 9. D | 34. D | 59. A |
| 10. A | 35. A | 60. B |
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| 13. B | 38. D | 63.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

FALL/WINTER DISTRICT 2018-2019

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 5 & 6

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

Europe Political Relief Map

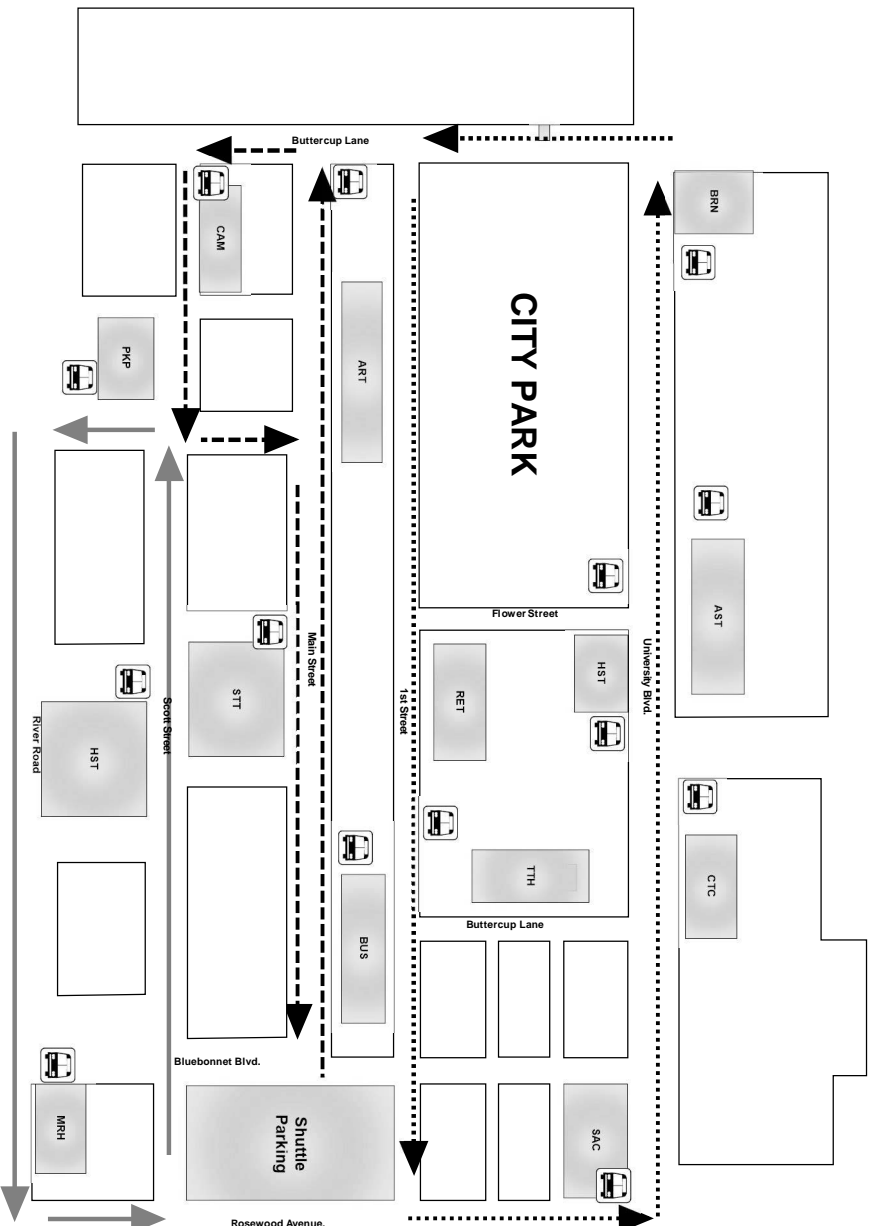
- The Bay of Biscay is off the west coast of what country?
 - France
 - Norway
 - Greece
 - Spain
- What country's capital is closest to the Arctic Circle?
 - Denmark
 - Finland
 - Iceland
 - Sweden
- Two inches on the map equals how many miles?
 - 150
 - 275
 - 300
 - 550
- How far is it from the capital of Romania to the capital of Hungary?
 - about 100 miles
 - about 200 miles
 - about 400 miles
 - about 800 miles
- What would dotted red lines on the map indicate?
 - continental boundary
 - international boundary
 - time zone
 - other
- The island of Bornholm is a territory of what country?
 - Italy
 - Ireland
 - Ukraine
 - Denmark
- Sicily is separated from the African continent by what body of water?
 - Black Sea
 - Caspian Sea
 - Mediterranean Sea
 - North Sea
- Which of the following Russian cities has the smallest population?
 - Samara
 - St. Petersburg
 - Tver
 - Volgograd
- What country capital can be found on the Prime Meridian?
 - London
 - Paris
 - Valencia
 - None
- Where can the Caucasus Mountains be found?
 - Central Germany
 - Eastern Italy
 - Southern Russia
 - Western France
- Which of the following has land on two continents?
 - Finland
 - Iceland
 - Portugal
 - Kazakhstan
- Which of the following countries has two national capitals?
 - Netherlands
 - Romania
 - Russia
 - None
- The black square for Vatican City indicates what?
 - disputed territory
 - religious center
 - small country
 - second country capital
- The Volga River is located in what country?
 - Belarus
 - Russia
 - Germany
 - Ukraine
- The Ionian Islands are part of what country?
 - Greece
 - Russia
 - Spain
 - Sweden

Star City Summer Film Festival

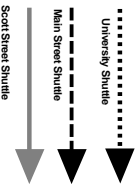


Venues

- Art Art House Theatre
- AST Astro Hotel
- Brn Burn Museum
- BUS Business College
- CAM Camera Shoppe
- CTC City Center
- GGL Glover Gallery
- HST History Museum
- MRH Moore House
- PKP Park Plaza
- RET Regal Theatre
- SAC Summer Art Center
- STT Sunset Theatre
- TFH Torres Theatre



Film Festival Shuttle
Shuttle Hours: 11 a.m.
to 1:00 a.m.



Star City Summer Film Festival

16. How many different shuttle lines are available?

- a. 3
- b. 5
- c. 7
- d. 9

17. Which of the following venues is the furthest west on the map?

- a. Art House Theatre
- b. Burn Museum
- c. Park Plaza
- d. Sunset Theatre

18. What time does the shuttle stop running?

- a. 11:00 a.m.
- b. 11:00 p.m.
- c. 1:00 a.m.
- d. 1:00 p.m.

19. Which shuttle route runs on River Road?

- a. River Road Shuttle
- b. University Shuttle
- c. Main Street Shuttle
- d. Scott Street Shuttle

20. How many parking areas are indicated on the map?

- a. one
- b. two
- c. three
- d. 0

21. What venue is on the corner of University and Flower?

- a. Astro Hotel
- b. History Museum
- c. Park Place
- d. Palmer Lane

22. Which shuttle would you take to the Art House Theatre?

- a. River Road Shuttle
- b. University Shuttle
- c. Main Street Shuttle
- d. Scott Street Shuttle

23. How many venues are indicated on the map?

- a. 8
- b. 10
- c. 12
- d. 14

24. Which shuttle has the shortest route?

- a. River Road Shuttle
- b. University Shuttle
- c. Main Street Shuttle
- d. Scott Street Shuttle

25. How many venues are south of River Road?

- a. 0
- b. 7
- c. 14
- d. 15

TRUE/FALSE

26. Every venue has an individual shuttle stop.

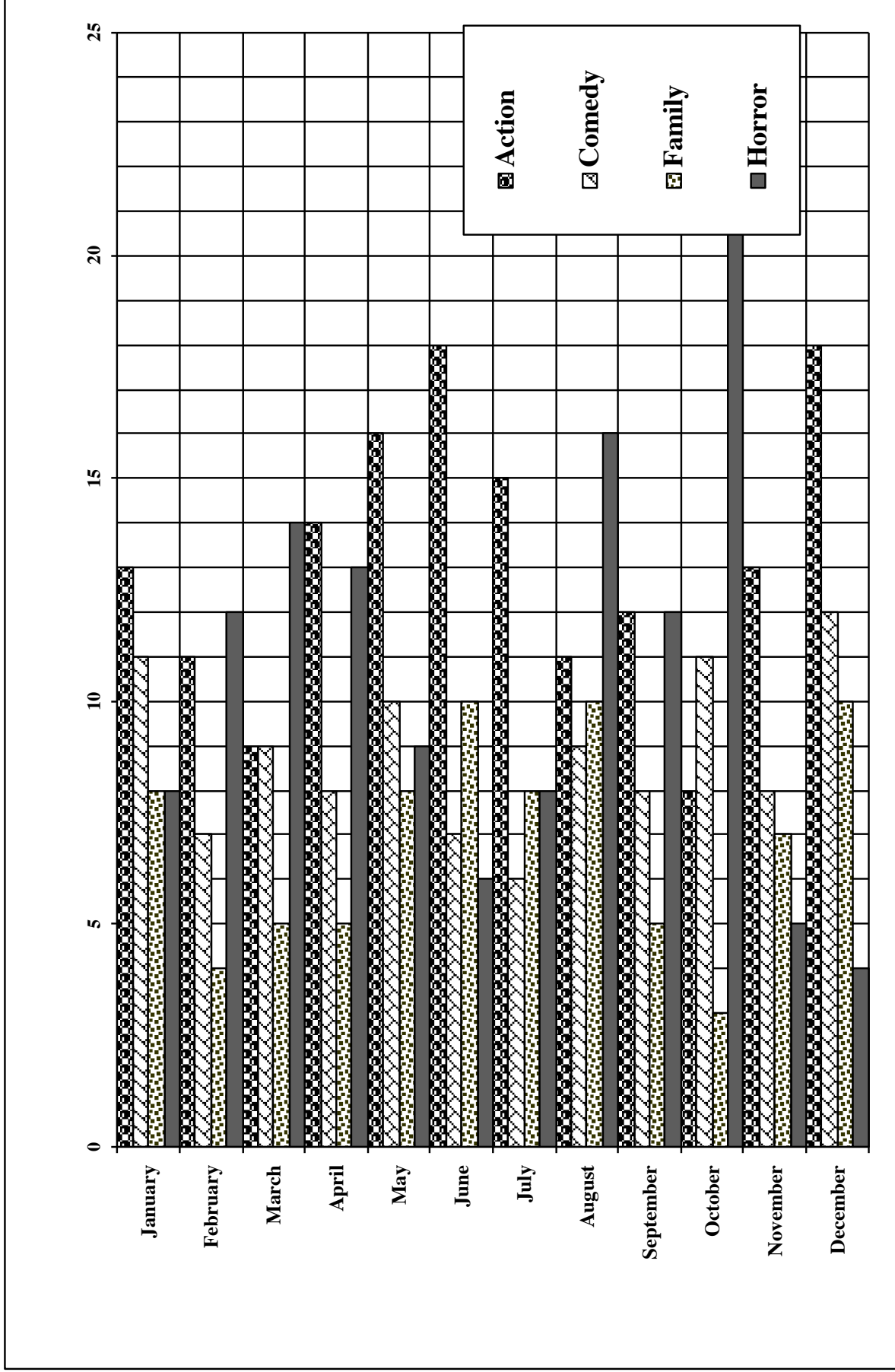
27. Heading south on Flower Street will take you to the Art House Theatre.

28. The Main Street Shuttle services the most venues.

29. The map does not indicate shuttle prices.

30. The bus symbol indicates a shuttle stop.

Distribution of Films by Genre and Month (2009 to 2017)



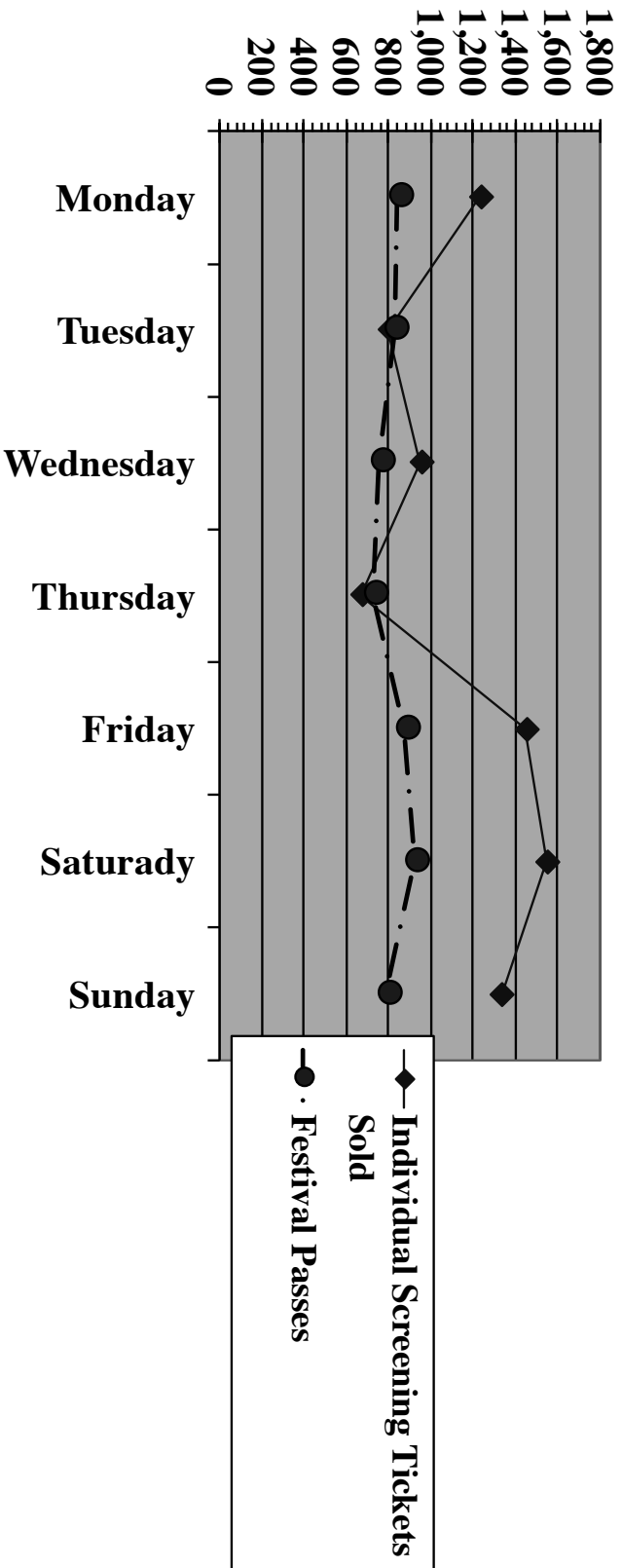
Distribution of Film Releases by Genre and Month (2009-2017)

31. How many years are covered by the graph?
- 5
 - 6
 - 7
 - 8
32. How many genres are displayed on the graph?
- 4
 - 8
 - 12
 - 16
33. What does the solid grey bar represent?
- month of January
 - month of December
 - the Family genre
 - the Horror genre
34. Which genre had the fewest releases in a single month?
- Action
 - Comedy
 - Family
 - Horror
35. Which genre had the highest number of releases overall?
- Action
 - Comedy
 - Family
 - Horror
36. What month had the highest number for the Horror genre?
- April
 - August
 - October
 - December
37. Which genre had the lowest number of releases in the month of December?
- Action
 - Comedy
 - Family
 - Horror
38. In how many months did Comedy films outpace Action films?
- 0
 - 1
 - 2
 - 3
39. Which month had the lowest number of films released overall?
- July
 - August
 - November
 - December
40. How many Comedy films were released in May?
- 5
 - 10
 - 15
 - 20
- TRUE/FALSE**
41. February had the fewest amount of releases across all genres.
42. Family films always have the fewest number of releases in a month.
43. The Horror genre had the highest number of releases in a single month.
44. The graph indicates that Action movies make the most money.
45. Releases of Action movies peak in December and June.

South America Land Cover and Elevation Maps

46. Elevations of over 10,000 feet can mostly be found near which coast?
- eastern
 - western
 - northern
 - southern
47. In the cross section, one inch equals how many miles?
- 37
 - 200
 - 315
 - 589
48. What do the pink lines on the map indicate?
- continental boundary
 - international boundary
 - disputed boundary
 - longitudes
49. What is the elevation of Agulhas Negras?
- 2,787 feet
 - 9,144 feet
 - 20,702 feet
 - 22,572 feet
50. Montevideo is the capital of what country?
- Brazil
 - Colombia
 - Peru
 - Uruguay
51. Which of the following cities has the smallest population?
- Belem, Brazil
 - Rio de Janeiro, Brazil
 - Recife, Brazil
 - Punta Arenas, Chile
52. The Parana River flows through which of these countries?
- Brazil
 - Chile
 - Guyana
 - Costa Rica
53. Which of the following capital cities is the furthest south?
- Belem
 - Asuncion
 - La Paz
 - Sucre
54. Which country is not on the Equator?
- Brazil
 - Chile
 - Colombia
 - Ecuador
55. Which country capital is at the highest elevation?
- Buenos Aires, Argentina
 - Paramaribo, Suriname
 - Sucre, Bolivia
 - Caracas, Venezuela
56. The elevation of the Amazon Basin is mostly at what level?
- 0 to 500 feet
 - 2,000 to 5,000 feet
 - 5,000 to 10,000 feet
 - 10,000 to 20,000 feet
57. Lake Titicaca lies at what elevation level?
- 0 to 500 feet
 - 2,000 to 5,000 feet
 - 5,000 to 10,000 feet
 - 10,000 to 20,000 feet
58. The Drake Passage is off the southern coast of what country?
- Brazil
 - Chile
 - Colombia
 - Ecuador
59. The Uruguay River forms part of the border between Argentina and what other country?
- Brazil
 - Colombia
 - Chile
 - Paraguay
60. Which country is not displayed in the cross section?
- Brazil
 - Bolivia
 - Peru
 - Colombia

Film Screenings Data: Individual Tickets and Festival Passes



Film Screenings Data: Individual Tickets and Festival Passes

61. What day was the highest number of festival passes used?
- Thursday
 - Monday
 - Sunday
 - Saturday
62. How many days of screenings are represented on the graph?
- 200
 - 14
 - 7
 - 1,800
63. What does the broken line with circles represent?
- Festival Passes
 - 1,800
 - Individual Screening Tickets Sold
 - Day of the Week
64. What day had the lowest number of individual ticket sales?
- Wednesday
 - Monday
 - Thursday
 - Sunday
65. How many days did pass holders outnumber ticket buyers?
- 0
 - 2
 - 4
 - 6
66. What day had the highest difference between ticket buyers and pass holders?
- Tuesday
 - Friday
 - Saturday
 - Sunday

67. What does the x axis represent?
- Number of tickets and passes
 - Festival Passes
 - Individual Screening Tickets Sold
 - Days
68. Which day had the lowest combined number of attendees?
- Sunday
 - Thursday
 - Wednesday
 - Tuesday
69. How many times did individual tickets pass the 1,000 mark?
- 0
 - 2
 - 3
 - 4
70. Which day had the least difference in the number of tickets and passes?
- Tuesday
 - Wednesday
 - Thursday
 - Friday

TRUE/FALSE

71. Numbers trended higher for individual tickets during the weekend.
72. There was less variation in daily totals for the individual tickets.
73. There was more than twice as many individual tickets as passes on Monday.
74. The graph indicates that the film festival made more money on individual passes.
75. The graph indicates that individual tickets tend to be used more than passes.



University Interscholastic League
A+ Maps/Graphs/Charts Contest • 2018-2019
5/6 Fall/Winter District
Answer Key

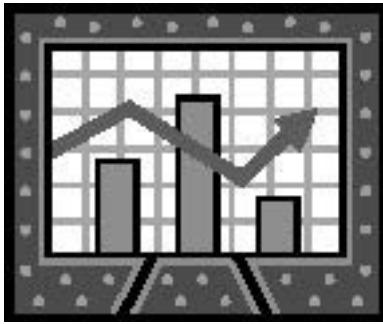
- | | | |
|-------|-------|-------|
| 1. A | 26. F | 51. D |
| 2. C | 27. F | 52. A |
| 3. D | 28. F | 53. B |
| 4. C | 29. T | 54. B |
| 5. D | 30. T | 55. C |
| 6. D | 31. D | 56. A |
| 7. C | 32. A | 57. D |
| 8. C | 33. D | 58. B |
| 9. A | 34. C | 59. A |
| 10. C | 35. A | 60. D |
| 11. D | 36.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

FALL/WINTER DISTRICT 2018-2019

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 7 & 8

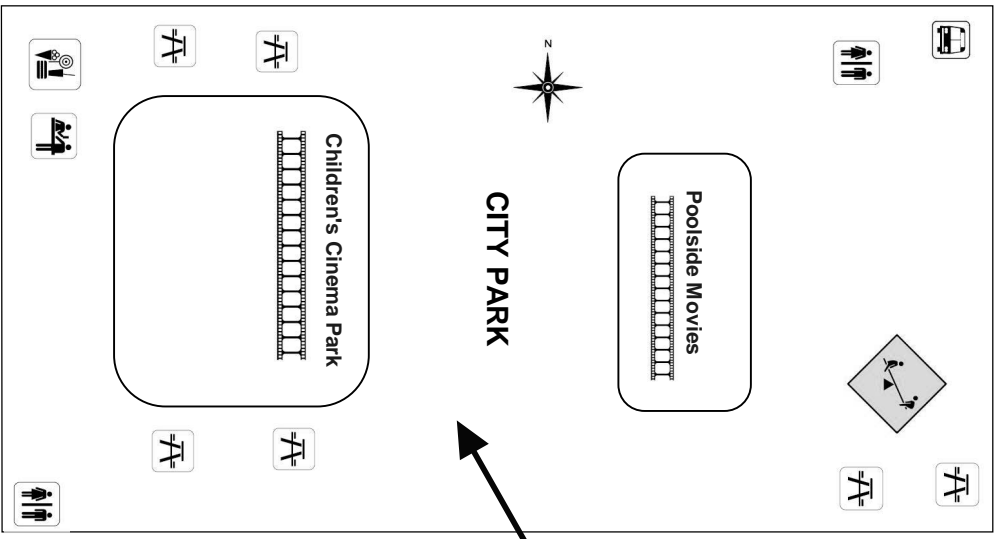
**DO NOT OPEN TEST
UNTIL TOLD TO DO SO**

Asia

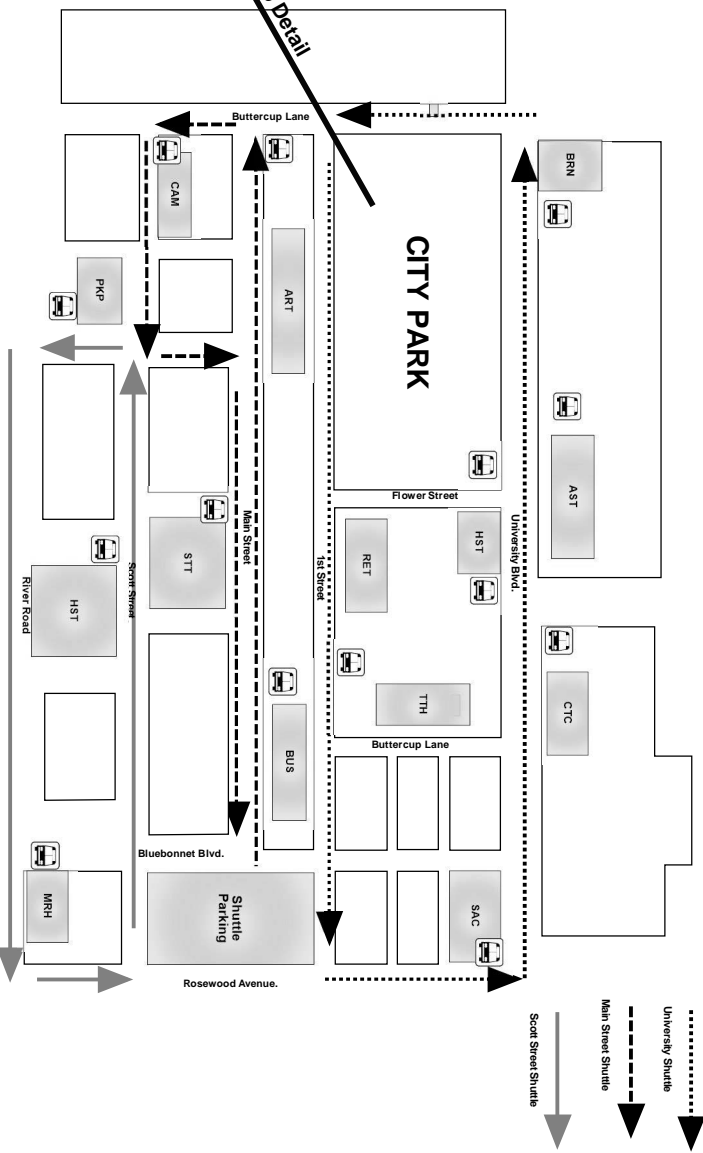
- The International Date Line runs through what body of water?
 - Atlantic Ocean
 - Arctic Ocean
 - Indian Ocean
 - Pacific Ocean
- The Arabian Peninsula is mainly made up of what type of land cover?
 - cropland
 - grassland
 - semidesert and desert
 - tundra
- Which of the following countries is not a leader in oil exports?
 - China
 - Saudi Arabia
 - Iraq
 - Russia
- The world's coldest continually inhabited settlement is in what country?
 - Antarctica
 - China
 - Iceland
 - Russia
- Which of the following cities is not on the Yangtze River?
 - Chongqing
 - Hong Kong
 - Nanjing
 - Wuhan
- The Persian Gulf lies between Saudi Arabia and what country?
 - Iran
 - Iraq
 - Oman
 - Yemen
- What is the region's most densely populated country?
 - Indonesia
 - Malaysia
 - Japan
 - Singapore
- The highest peak on the continent is in what country?
 - Japan
 - Nepal
 - Russia
 - India
- Buddhism is a predominant belief in which of the following?
 - China
 - India
 - Philippines
 - Thailand
- Spratly Island is a territory of what country?
 - Japan
 - Russia
 - Turkey
 - Disputed
- Which of the following is the largest urban area in Asia?
 - Muscat, Oman
 - Tokyo, Japan
 - New Delhi, India
 - Bangkok, Thailand
- Mount Everest is...
 - sinking about 5 millimeters per year
 - sinking about 2 millimeters per year
 - growing about 5 millimeters per year
 - growing about 2 millimeters per year
- Tundra can be found in which of the following countries?
 - South Korea
 - Russia
 - Iran
 - Taiwan
- Which of the following cities in Uzbekistan is the largest?
 - Jizzakh
 - Muynak
 - Tashkent
 - Samarqand
- Which country's capital is closest to the equator?
 - Philippines
 - Maldives
 - Taiwan
 - Yemen



Star City Summer Film Festival



Park Map Detail



Venues

- Art Art House Theatre
- AST Astro Hotel
- Brn Burn Museum
- BUS Business College
- CAM Camera Shoppe
- CTC City Center
- GGL Glover Gallery
- HST History Museum
- MRH Moore House
- PKP Park Plaza
- RET Regal Theatre
- SAC Summer Art Center
- STT Sunset Theatre
- TTH Torres Theatre

- Concessions
- Ticket Sales
- Picnic Area
- Restrooms

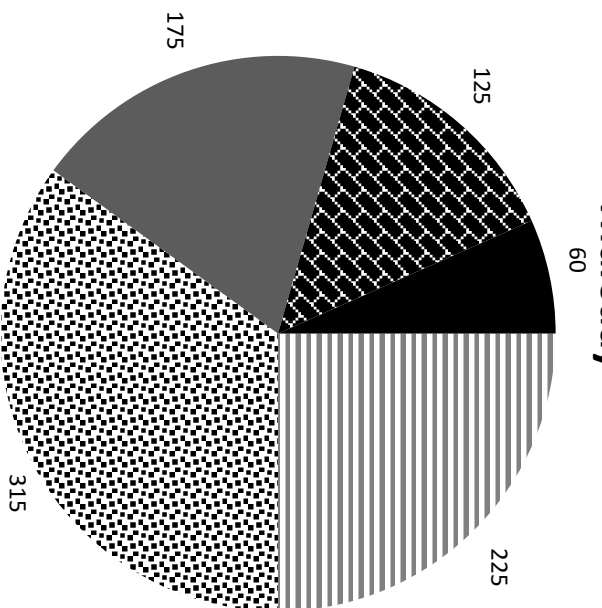
Film Festival Shuttle
 Shuttle Hours: 11 a.m.
 to 1:00 a.m.

Star City Summer Film Festival

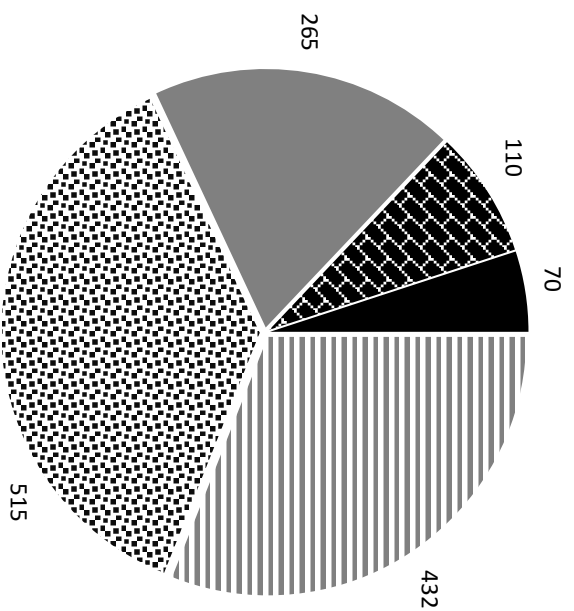
16. One inch equals how many miles on the map?
- 0.25
 - 0.50
 - 1.0
 - not indicated
17. How many bus stops are indicated on the map?
- 12
 - 13
 - 14
 - 15
18. How many hours do the shuttles run in a 24-hour period?
- 1 hour
 - 12 hours
 - 13 hours
 - 14 hours
19. What do the dotted lines represent?
- University Shuttle
 - Main Street Shuttle
 - Scott Street Shuttle
 - Streets
20. Which shuttle runs the furthest south?
- University Shuttle
 - Main Street Shuttle
 - Scott Street Shuttle
 - Buttercup Lane
21. How many restrooms are indicated on the insert?
- 0
 - 1
 - 2
 - 3
22. Which shuttle services Park Plaza?
- University Shuttle
 - Main Street Shuttle
 - Scott Street Shuttle
 - None
23. When boarding the University Shuttle at the shuttle parking area, which of the following stops would mean the longest ride?
- Burn Museum
 - Camera Shoppe
 - History Museum
 - City Center
24. Ticket sales can be found in what corner of the park?
- northwest
 - northeast
 - southwest
 - southeast
25. Which of the following venues is the furthest east?
- Business College
 - Moore House
 - Sunset Theatre
 - Torres Theatre
- TRUE/FALSE**
26. The Main Street Shuttle runs north to south on Buttercup Lane.
27. The area for Poolside Movies is just south of Regal Theatre.
28. Each shuttle services the same number of venues.
29. There are two picnic areas just west of Children's Cinema Park.
30. The Summer Art Center and Astro Hotel are serviced by the same shuttle.

Torres Theatre: Concession Unit Sales

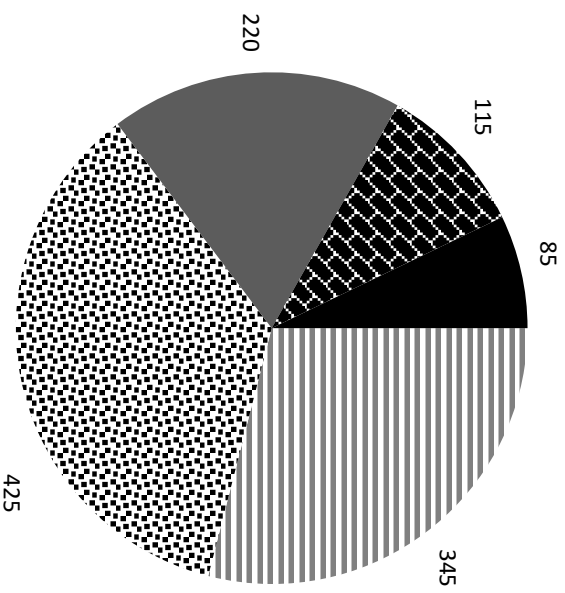
Thursday



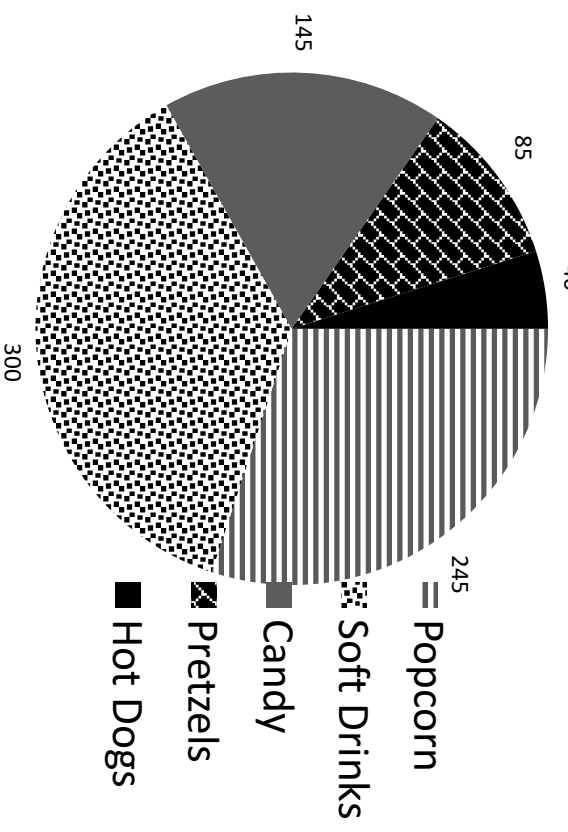
Saturday



Friday



Sunday



- Popcorn
- Soft Drinks
- Candy
- Pretzels
- Hot Dogs

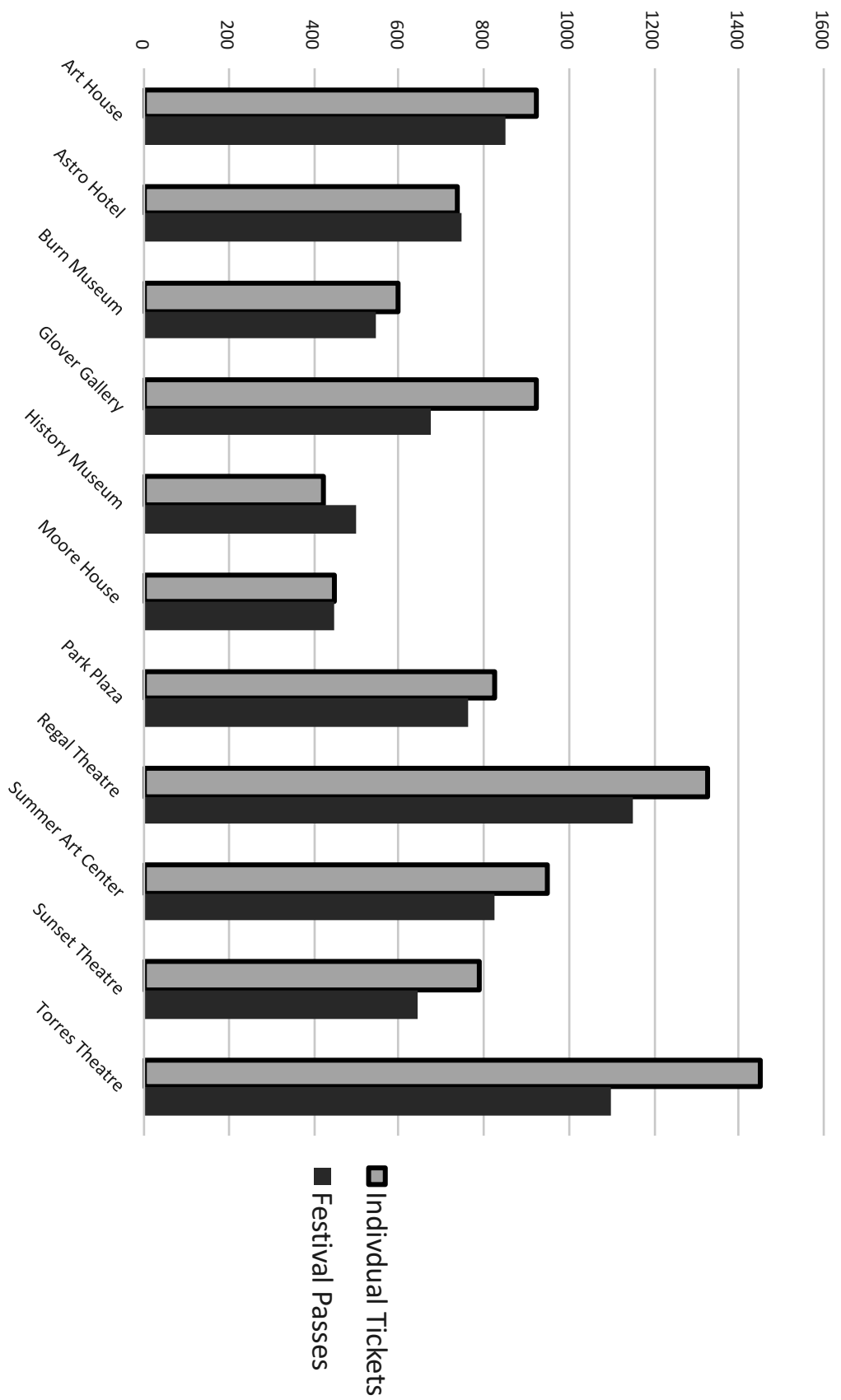
Torres Theatre: Concession Unit Sales

31. How much time is represented on the graph?
- 4 days
 - 5 days
 - 4 weeks
 - 5 weeks
32. What do the solid grey areas represent?
- Saturday
 - candy
 - Sunday
 - Popcorn
33. Which item had the highest number of sales on Sunday?
- popcorn
 - candy
 - pretzels
 - soft drinks
34. How many times did soft drinks outsell popcorn?
- 1
 - 2
 - 3
 - 4
35. Which of the following items had the highest sales in a single day?
- popcorn
 - candy
 - pretzels
 - hot dogs
36. What day had the lowest amount of sales for soft drinks?
- Thursday
 - Friday
 - Saturday
 - Sunday
37. How many days did the number of pretzels sold drop below 100?
- 1
 - 2
 - 3
 - 4
38. Which item made the most money for the theatre?
- soft drinks
 - popcorn
 - candy
 - not indicated on the chart
39. Which item has the biggest difference between its highest and lowest number of daily sales?
- popcorn
 - candy
 - pretzels
 - hot dogs
40. What day had the highest number of sales for all items combined?
- Thursday
 - Friday
 - Saturday
 - Sunday
- TRUE/FALSE**
41. The sales of popcorn and soft drinks peaked on the same day.
42. Soft drinks sell twice as well as candy on every day.
43. Friday saw the highest number of sales for three items.
44. Pretzels had the highest percentage of total sales for Thursday out of all the concession items.
45. Popcorn accounted for 25% of total sales on Thursday.

Australia & Oceania

46. Which of the following countries does Australia import the most from?
- United States
 - European Union
 - Japan
 - South Korea
47. On the political relief map, one cm equals how many kilometers?
- 400
 - 632
 - 750
 - 1000
48. On the political relief map, multi-colored lines in the ocean represent what?
- ocean currents
 - continental boundaries
 - groups of islands with the same government
 - areas of dispute
49. What is the vertical exaggeration on the cross section of the elevation map?
- 78 to 1
 - 24 to 1
 - 470 to 1
 - 278 to 1
50. The outback covers what percentage of Australia?
- | | |
|-------|-------|
| a. 20 | c. 60 |
| b. 40 | d. 80 |
51. Which natural resource can be found in New Zealand?
- coal
 - gold
 - lead
 - tin
52. Which of the following indigenous people settled in Hawaii?
- Aborigines
 - Melanesians
 - Micronesians
 - Polynesians
53. The ethnic composition of New Zealand is mostly what?
- | | |
|-------------|---------------|
| a. Asian | c. Maori |
| b. European | d. Polynesian |
54. Suva is the capital of what country?
- | | |
|-------------|------------|
| a. Fiji | c. Palau |
| b. Kiribati | d. Vanuatu |
55. What is the population range of Townsville, Australia?
- under 1,000
 - over 50,000
 - 100,000 to 500,000
 - over 500,000
56. Which is not of the invasive species found in Australia?
- European rabbit
 - feral pig
 - kangaroo
 - sheep
57. What is the elevation of Jaya Peak in New Guinea?
- | | |
|----------------|----------------|
| a. 15,452 feet | c. 18,746 feet |
| b. 16,503 feet | d. 18,975 feet |
58. How far is it from the capital of Tonga to the capital of Samoa?
- about 250 miles
 - about 350 miles
 - about 450 miles
 - about 600 miles
59. Norfolk Island is a territory of what country?
- Australia
 - Japan
 - Indonesia
 - United States
60. What is the region's most densely populated country?
- Australia
 - Indonesia
 - Nauru
 - Vanuatu

Film Attendance by venue and type:
Saturday August, 25th



Film Screenings Attendance

61. What do the darker bars represent?

- a. Individual Tickets
- b. Venue
- c. Festival Passes
- d. Number

62. How much time is represented on the graph?

- a. 11 days
- b. 1 day
- c. 1600 days
- d. 7 days

63. At how many venues did festival passes outpace individual tickets?

- a. 0
- b. 2
- c. 4
- d. 6

64. Which theatre had the lowest number of individual tickets?

- a. Moore House
- b. Torres Theatre
- c. History Museum
- d. Park Plaza

65. How many venues are represented?

- a. 1600
- b. 2
- c. 10
- d. 11

66. Which theatre had the highest difference between individual tickets and festival passes?

- a. Moore House
- b. Glover Galley
- c. Torres Theatre
- d. Regal Theatre

67. What does the x-axis represent?

- a. Number
- b. Individual Tickets
- c. Venues
- d. Festival Passes

68. How many venues had fewer individual tickets than Moore House?

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

69. Which venue had the highest combined total?

- a. Regal Theatre
- b. Art House
- c. Torres Theatre
- d. Summer Art Center

70. How many theatres had less than 500 in both categories?

- a. 11
- b. 8
- c. 4
- d. 1

TRUE/FALSE

71. Torres Theatre had more than twice as many individual tickets as Art House.

72. Regal Theatre had more individual tickets than the Burn Museum had for both categories.

73. The year the data is collected is indicated on the graph.

74. The two venues with the highest number of passes also had the highest number of individual tickets.

75. The graph indicates that the festival made more money on individual tickets than on the sale of festival passes.



**University Interscholastic League
A+ Maps/Graphs/Charts Contest • 2018-2019
7/8 Fall/Winter District
Answer Key**

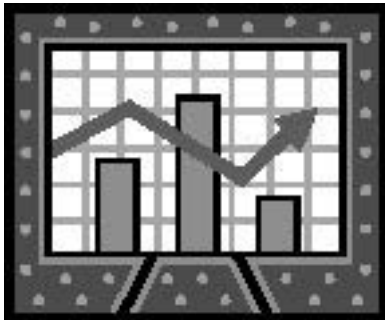
- | | | |
|-------|-------|-------|
| 1. D | 26. T | 51. B |
| 2. C | 27. F | 52. D |
| 3. A | 28. F | 53. B |
| 4. D | 29. F | 54. A |
| 5. B | 30. T | 55. C |
| 6. A | 31. A | 56. C |
| 7. D | 32. B | 57. B |
| 8. B | 33. D | 58. D |
| 9. D | 34. D | 59. A |
| 10. D | 35. A | 60. C |
| 11. B | 36.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

SPRING DISTRICT 2018-2019

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 5 & 6

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

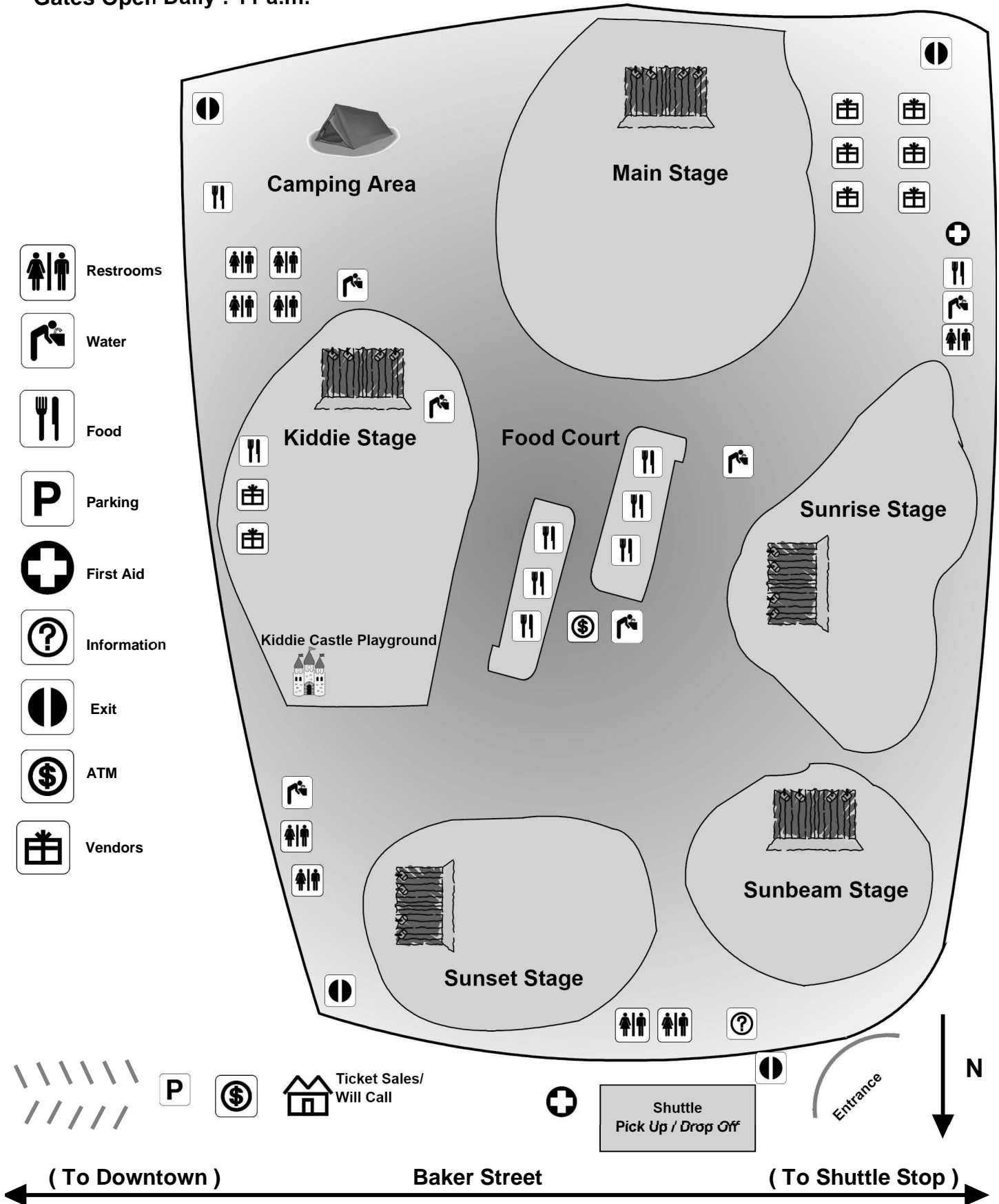
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Asia Political Relief Map

- Which country's capital can be found at 14.5995° N, 120.9842° E?
 - Manila, Philippines
 - Muscat, Oman
 - Pyongyang, North Korea
 - Tehran, Iran
- Which of the following forms part of the border between Uzbekistan and Turkmenistan?
 - Amu Darya River
 - Caspian Sea
 - Syr Darya River
 - Zagros Mountains
- What would a blue and white-checked line on the map indicate?
 - canal
 - mountain peak
 - river
 - waterfall
- The largest lake on the continent can be found on the northern border of what country?
 - Iran
 - Japan
 - Nepal
 - United Arab Emirates
- Which of the following cities has the largest population?
 - Aden, Yemen
 - Aral, Kazakhstan
 - Barnaul, Russia
 - Mandalay, Myanmar
- How many miles is it between the capitals of Laos and Vietnam?
 - about 150
 - about 300
 - about 450
 - about 600
- The Zagros Mountains are found in what country?
 - China
 - India
 - Iran
 - Russia
- Which city with a population of over one million is furthest East?
 - Atyrau, Kazakhstan
 - Delhi, India
 - Harbin, China
 - Mecca, Saudi Arabia
- The International Date Line runs through what body of water?
 - Bering Sea
 - Black Sea
 - Java Sea
 - Persian Gulf
- The Kuril Islands are part of what country?
 - India
 - Japan
 - Russia
 - Yemen
- What does the red dotted line on the border of China indicate?
 - continental boundary
 - disputed or undefined boundary
 - international boundary
 - state or province boundary
- Which country does not have shores on the Caspian Sea?
 - Azerbaijan
 - Iran
 - Kazakhstan
 - Turkey
- The Red Sea separates Asia from what other continent?
 - Africa
 - Australia
 - Arctic
 - Europe
- Which country capital is closest to the Persian Gulf?
 - Damascus, Syria
 - Muscat, Oman
 - Sanaa, Yemen
 - Astana, Kazakhstan
- Which country has territory south of the Equator?
 - China
 - Japan
 - Indonesia
 - Russia

Sunny Days Music Festival

Gates Open Daily : 11 a.m.



- Restrooms
- Water
- Food
- Parking
- First Aid
- Information
- Exit
- ATM
- Vendors



P

\$



Ticket Sales/
Will Call



Shuttle
Pick Up / Drop Off



N

(To Downtown)

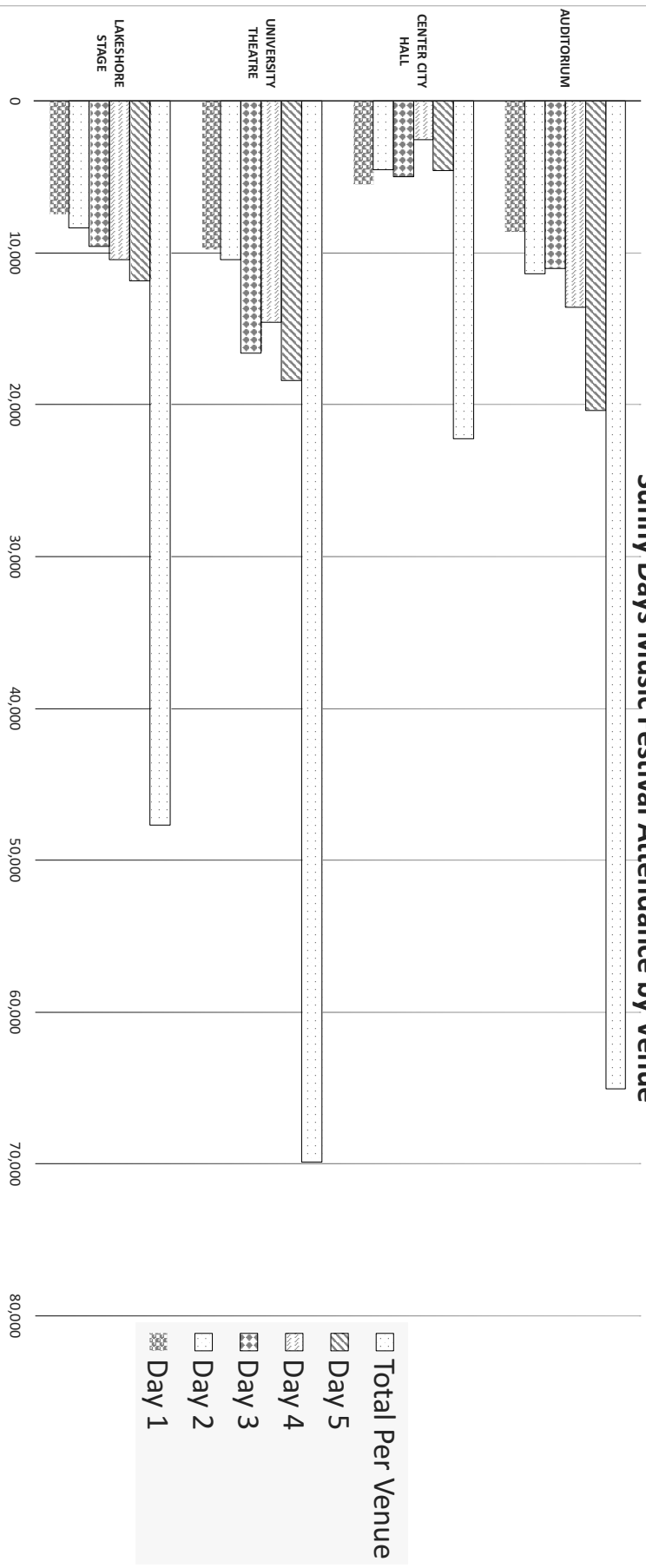
Baker Street

(To Shuttle Stop)

Sunny Days Music Festival

16. What part of the map can the entrance be found?
a. southwest
b. northwest
c. southeast
17. How many exits are indicated on the map?
a. one
b. two
c. three
d. four
18. What does the symbol with a dollar sign represent?
a. food
b. ticket sales
c. ATM
d. vendor
19. To go downtown, what direction would you go on Baker Street?
a. south
b. north
c. east
d. west
20. How many parking areas are indicated on the map?
a. one
b. two
c. three
d. zero
21. What is the scale of the map?
a. one inch equals 1/4 mile
b. one inch equals 1/2 mile
c. one inch equals 1/3 mile
d. not indicated
22. How many vendors are northeast of the Main Stage?
a. 2
b. 4
c. 6
d. 8
23. Which stage is nearest the entrance?
a. Main Stage
b. Kiddie Stage
c. Sunbeam Stage
d. Sunrise Stage
24. What time do the gates open?
a. 10 a.m.
b. 11 a.m.
c. noon
d. they remain open
25. Which of the following cannot be found in the Kiddie Stage area?
a. food
b. vendors
c. first aid
d. stage
- TRUE/FALSE**
26. Most of the food stalls are near the center of the map.
27. The shuttle drop off is closer to the entrance than the parking lot.
28. ATMs can be found outside and inside the entrance.
29. The Kiddie Stage is north of the Kiddie Castle Playground.
30. All food is sold in the food court.

Sunny Days Music Festival Attendance by Venue



- ▨ Total Per Venue
- ▨ Day 5
- ▨ Day 4
- ▨ Day 3
- ▨ Day 2
- ▨ Day 1

Sunny Music Fest Attendance

31. How many venues are represented on the graph?
- a. 3
 - b. 4
 - c. 5
 - d. 6

32. How many days are represented on the graph?
- a. 3
 - b. 4
 - c. 5
 - d. 6

33. What does the bar with the diamond shapes represent?
- a. University Theatre
 - b. Lakeshore Stage
 - c. day 2
 - d. day 3

34. Which venue had the highest combined attendance?
- a. Auditorium
 - b. University Theatre
 - c. Lakeshore Stage
 - d. Center City Hall

35. Which venue saw an increase in attendance every day?
- a. Auditorium
 - b. University Theatre
 - c. Lakeshore Stage
 - d. Center City Hall

36. What day saw the lowest attendance at University Theatre?
- a. day 1
 - b. day 2
 - c. day 3
 - d. day 4

37. How many times did Center City Hall have a higher attendance number than any other venue?
- a. 0
 - b. 1
 - c. 2
 - d. 3

38. How many days did University Theatre have a higher attendance than Auditorium?
- a. 0
 - b. 1
 - c. 2
 - d. 3

39. Which day had the lowest overall attendance?
- a. day 1
 - b. day 2
 - c. day 3
 - d. day 4

40. Which venue had the highest jump in attendance from the previous day?
- a. Auditorium
 - b. University Theatre
 - c. Lakeshore Stage
 - d. Center City Hall

TRUE/FALSE

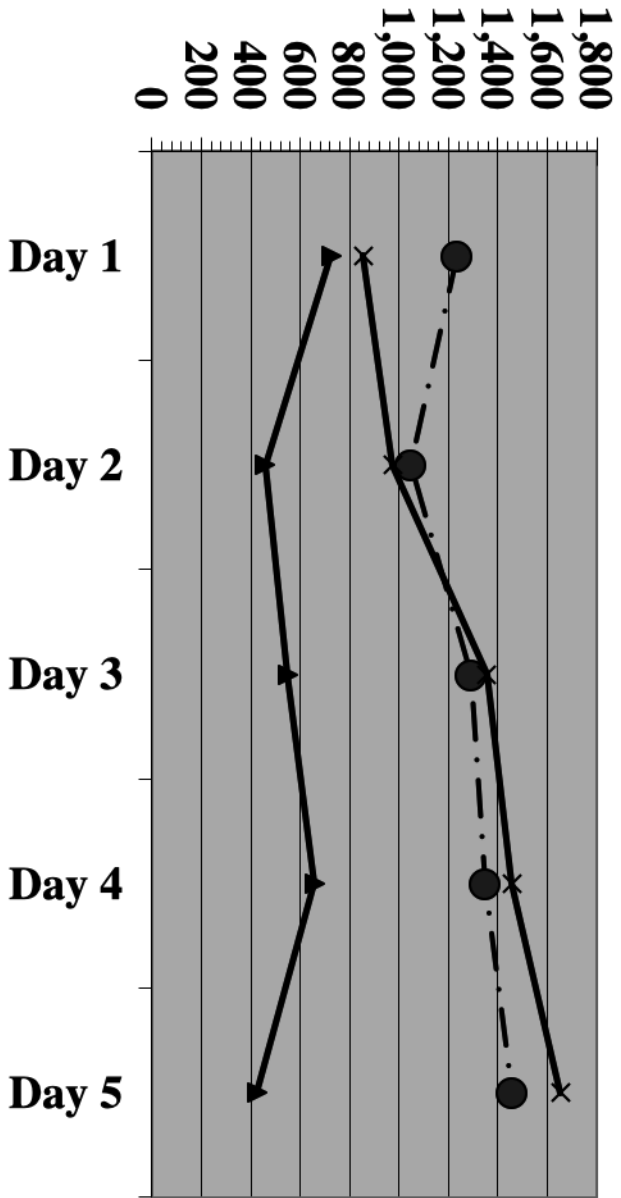
41. Lakeshore Stage had more than double the attendance of Center City Hall.
42. Day 1 and day 2 had similar overall attendance.
43. Lakeshore is the only location that had an increase in attendance every day.
44. The graph shows the percentage of repeat attendees for different days.
45. Overall attendance for the festival exceeded 175,000.

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Middle America Land Cover and Elevation Maps

46. The Yucatan Peninsula is part of what country?
a. Cuba
b. Mexico
c. Nicaragua
d. Panama
47. The pink lines on the two maps indicate what?
a. area of dispute
b. continental boundary
c. international boundary
d. Equator
48. The cross section displays points at which longitude?
a. 45° W
b. 85° W
c. 45° E
d. 85° E
49. Which of the following land cover types is most common in Cuba?
a. cropland
b. semi-desert
c. tropical rain forest
d. tundra
50. Pico de Orizaba is how many feet high?
a. 16,405
b. 17,405
c. 18,405
d. 19,405
51. What large city can be found on the border of Mexico and the United States?
a. Guadalajara
b. Mexico City
c. Monterrey
d. Tijuana
52. How far is it from Havana, Cuba to Kingston, Jamaica?
a. about 200 miles
b. about 300 miles
c. about 400 miles
d. about 500 miles
53. Which city is at the highest elevation?
a. Guadalajara
b. Havana
c. Monterrey
d. Tijuana
54. Puerto Rico is a territory of what country?
a. Cuba
b. Mexico
c. Nicaragua
d. United States
55. On the cross-section, one inch equals how many miles?
a. 280
b. 285
c. 442
d. 450
56. What is the scale of the elevation map?
a. 1 to 46
b. 1 to 442
c. 1 to 280
d. 1 to 28 million
57. The Gulf of California has shores on what country?
a. Cuba
b. Mexico
c. Nicaragua
d. United States
58. What do the tan areas north of Mexico and South of Panama represent?
a. desert area
b. elevations between 300 to 600 feet
c. cropland
d. land beyond the subject area
59. What river forms the boundary between two countries?
a. Lerma River
b. Balsas River
c. Rio Grande
d. Fuerte River
60. What does the white box on the elevation map indicate?
a. international boundary
b. territorial boundary
c. state or province boundary
d. area shown on the cross-section

Music Festival: Merchandise Sales



Music Festival Merchandise Sales

61. How many categories of items are shown on the chart?
- one
 - two
 - three
 - four
62. What does the x axis represent?
- merchandise sales
 - t-shirt sales
 - CD/Album Sales
 - days
63. What does the line with x marks represent?
- t-shirt sales
 - CD/Album sales
 - Misc. items
64. Which item had its highest sales on Day 1?
- t-shirts
 - CD/Album sales
 - Misc. items
65. Which day had the highest amount of combined sales?
- Day 1
 - Day 2
 - Day 3
 - Day 4
 - Day 5
66. Which item had the highest jump in sales from the previous day?
- t-shirts
 - CDs/Albums
 - Misc. items
67. Which item had the fewest overall sales?
- t-shirts
 - CDs/Albums
 - Misc. items
68. How many times did miscellaneous items outsell t-shirts?
- one time
 - two times
 - three times
 - four times

69. How many days did CD/Album sales go over 600?
- 0 days
 - 2 days
 - 3 days
 - 4 days
70. What does the line with the triangles represent?
- T-shirt sales
 - CD/Album sales
 - Misc. item sales

TRUE/FALSE

71. The only decline in t-shirt sales came on day 2.
72. Every item had at least one day of decrease in sales.
73. Day 5 had the highest amount of sales for all items.
74. T-shirts always sold more than twice the amount of albums/CDs.
75. The graph indicates that as attendance increases, all item sales also increase.



**University Interscholastic League
A+ Maps/Graphs/Charts Contest • 2018-2019
5/6 Spring District
Answer Key**

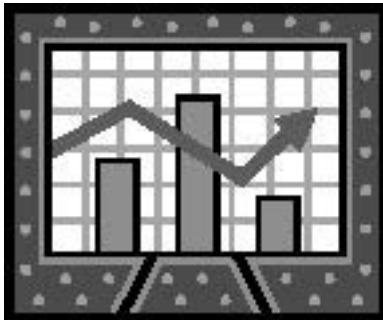
1. A	26. T	51. D
2. A	27. T	52. D
3. A	28. T	53. C
4. A	29. F	54. D
5. D	30. F	55. D
6. B	31. B	56. D
7. C	32. C	57. B
8. C	33. D	58. D
9. A	34. B	59. C
10. C	35. C	60. D
11. B	36. A	61. C
12. D	37. A	62. D
13. A	38. D	63. C
14. B	39. A	64. A
15. C	40. A	65. E
16. B	41. T	66. C
17. D	42. T	67. B
18.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

SPRING DISTRICT 2018-2019

A+ ACADEMICS



University Interscholastic League



Maps, Graphs & Charts

grades 7 & 8

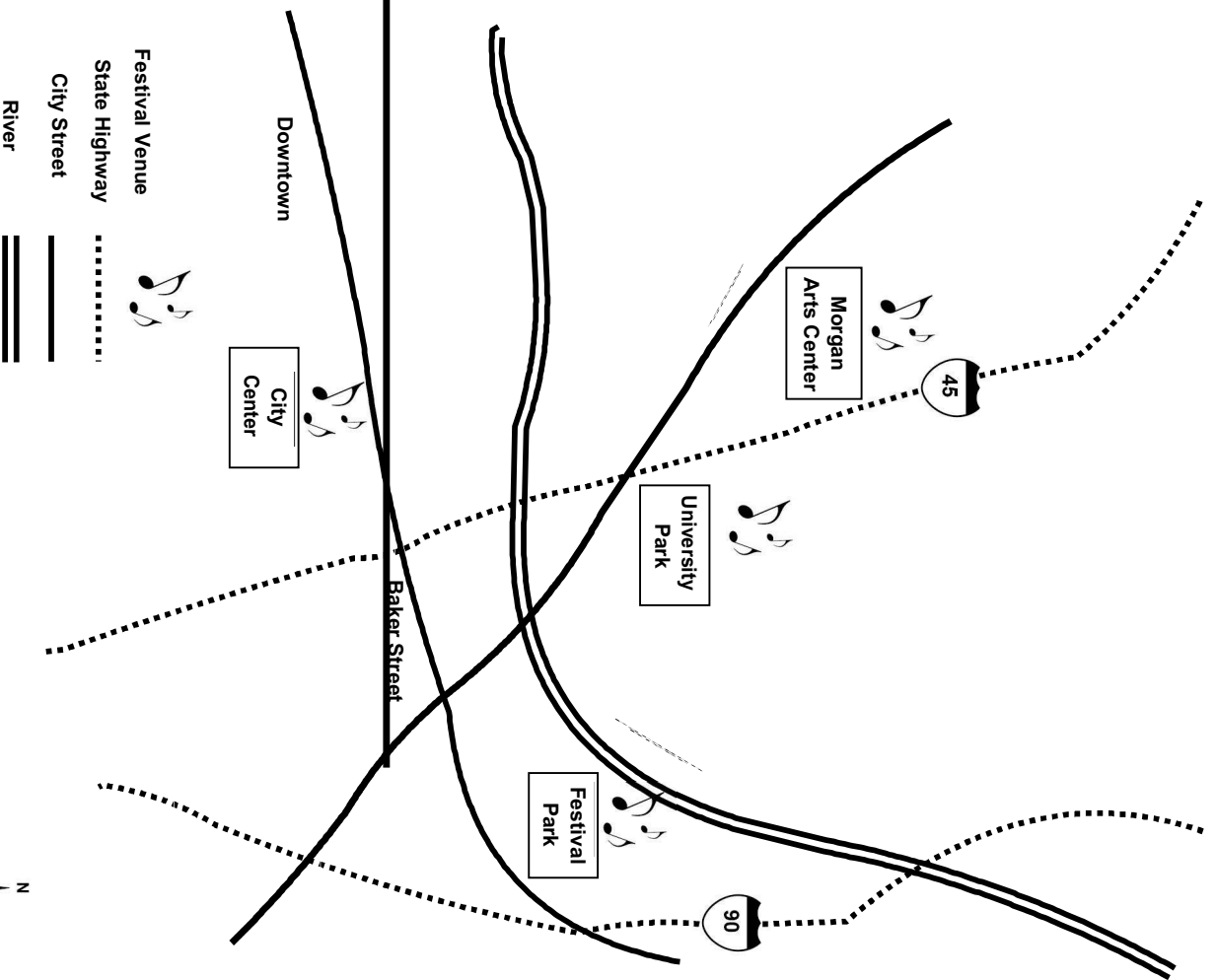
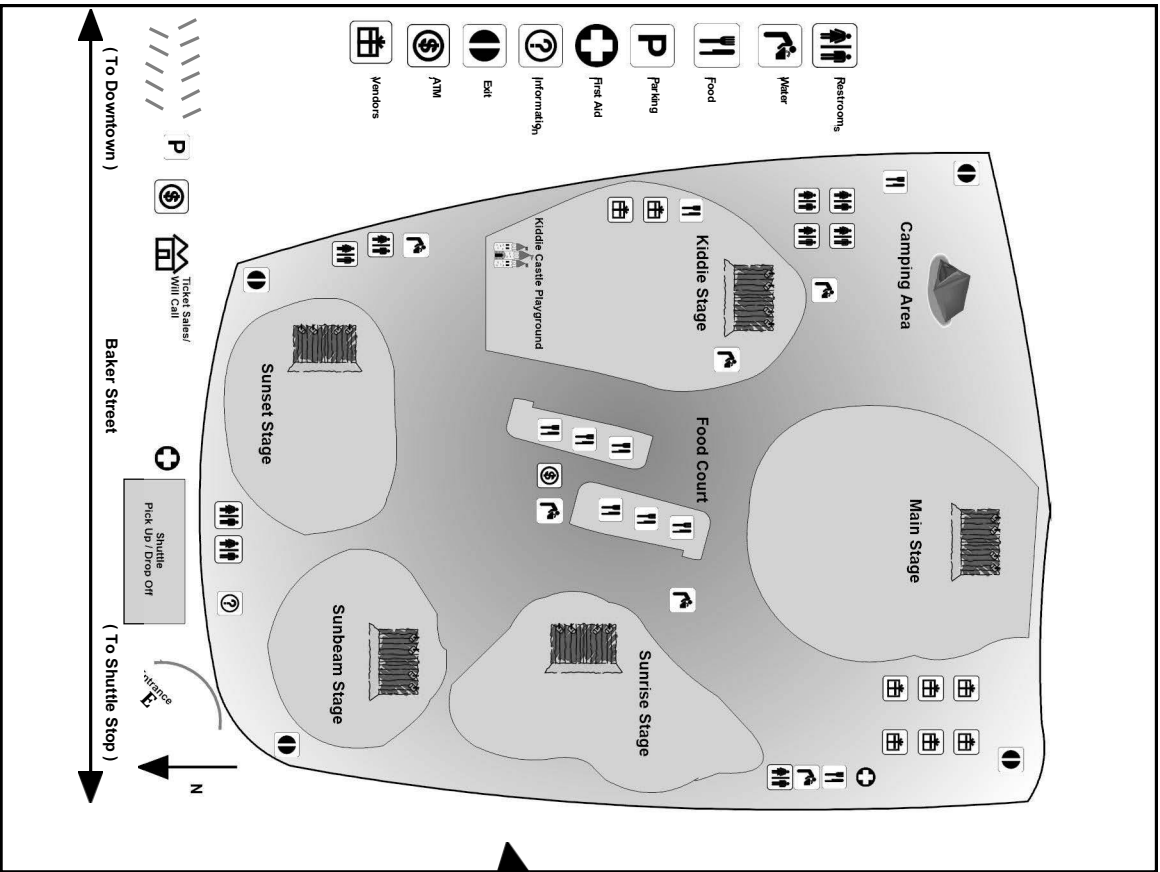
**DO NOT OPEN TEST
UNTIL TOLD TO DO SO**

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Africa

- How many miles does an inch equal on the Political Relief Map of Southern Africa?
 - 423 miles
 - 600 miles
 - 730 miles
 - 820 miles
- The land cover of the Congo Basin is mostly of what type?
 - cropland
 - desert
 - tropical rain forest
 - tundra
- How many miles is it from the capital of Uganda to the capital of Somalia?
 - about 500 miles
 - about 700 miles
 - about 900 miles
 - about 1,100 miles
- What is the main metal in the country of Nigeria?
 - oil
 - copper
 - nickel
 - tin
- The largest country by population is in what area of the continent?
 - eastern
 - northern
 - southern
 - western
- What is the highest elevation in the country of Chad?
 - over 10,000 feet
 - 5,000 to 10,000 feet
 - 2,000 to 5,000 feet
 - 1,000 to 2,000 feet
- Which country does the Niger river not run through?
 - Mali
 - Egypt
 - Niger
 - Nigeria
- The Great Rift Valley runs through which country?
 - Angola
 - Gabon
 - Mozambique
 - Niger
- What is the main climate type found on Madagascar?
 - desert
 - savanna
 - steppe
 - tropical rain forest
- How many capitals does the nation of South Africa have?
 - 0
 - 1
 - 2
 - 3
- What is the dominant land use in Angola?
 - commercial farming
 - forestry
 - nomadic herding
 - subsistence farming
- What capital is just north of the largest lake on the continent?
 - Cairo, Egypt
 - Bamako, Mali
 - Kampala, Uganda
 - Cape Town, South Africa
- What percentage of the labor force in Niger is involved in agriculture?
 - 50%
 - 75%
 - 80%
 - 90%
- Which of the following has the highest population growth?
 - Ethiopia
 - Niger
 - South Africa
 - the world
- The longest continental mountain range crosses which country?
 - Angola
 - Congo
 - Morocco
 - Niger

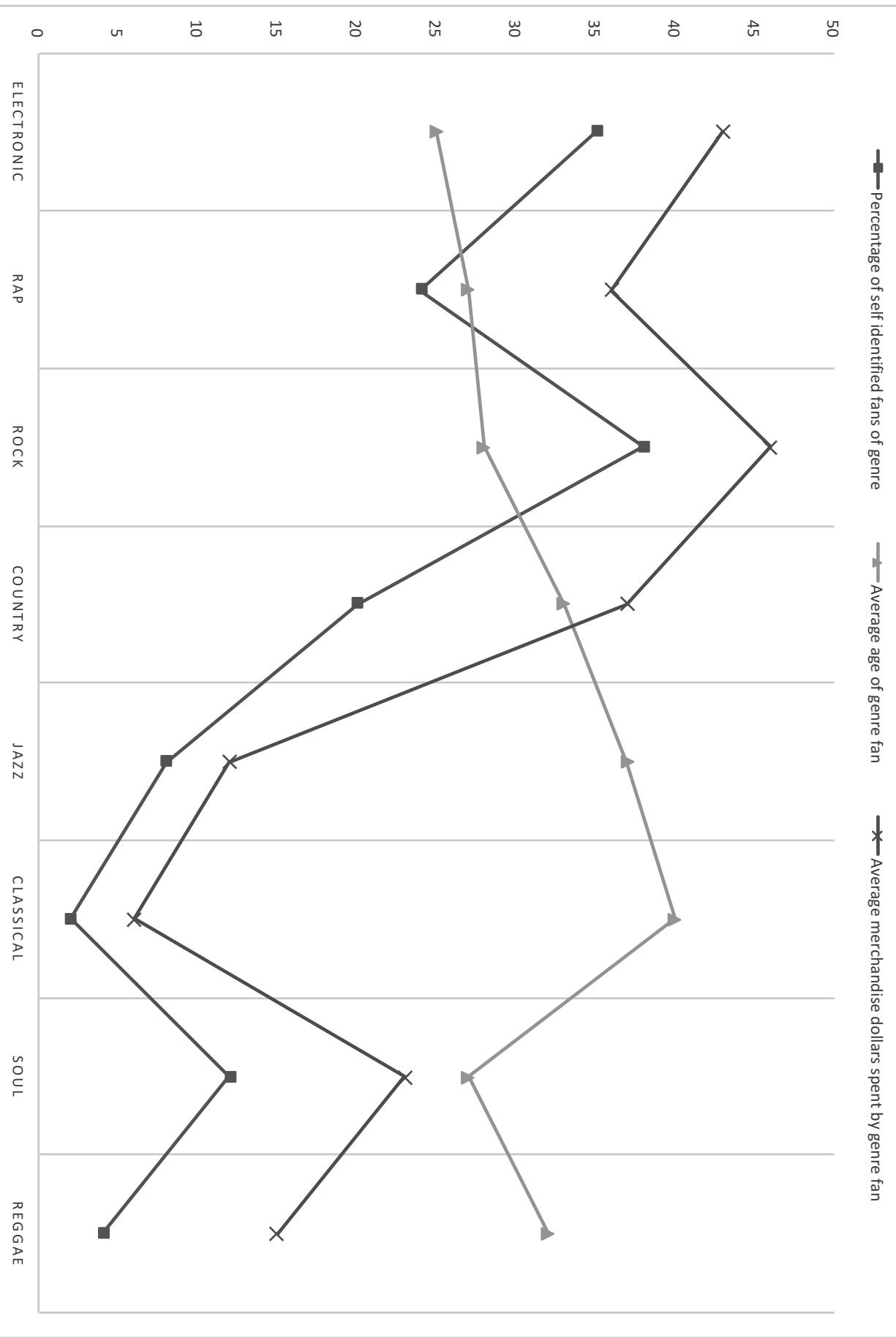
Sunny Days Music Festival Festival Park New Haven, New York August 10-12, 2018



Sunny Days Music Festival Map

16. How many festival venues are indicated on the map?
- 1
 - 2
 - 3
 - 4
17. What do the gift box icons represent?
- Christmas
 - birthday gifts
 - vendors
 - not indicated
18. What is the scale of the insert compared to the other map?
- 4 to 1
 - 10 to 1
 - 20 to 1
 - not indicated
19. What does the dotted line represent?
- state highway
 - city street
 - river
 - parking area
20. Which venue is the furthest south?
- City Center
 - Festival Park
 - Morgan Art Center
 - University Park
21. Where in Festival Park is the camping area located?
- northeast corner
 - northwest corner
 - southeast corner
 - southwest corner
22. How many First Aid stations are shown on the map?
- 1
 - 2
 - 3
 - 4
23. The insert shows details for what venue?
- City Center
 - Festival Park
 - Morgan Art Center
 - University Park
24. Which stage area is just north of the camping area?
- Sunrise Stage
 - Main Stage
 - Kiddie Stage
 - none
25. How many venues can be found along I45?
- 1
 - 2
 - 3
 - 4
- TRUE/FALSE**
26. The festival takes place the last week in August.
27. There are more venues south of Baker Street than north of it.
28. On-site parking for Festival Park is on the northeast side.
29. There is an exit near each corner of Festival Park.
30. There are more vendors than restrooms in Festival Park.

POST MUSIC FESTIVAL SURVEY RESULTS



Music Festival Survey

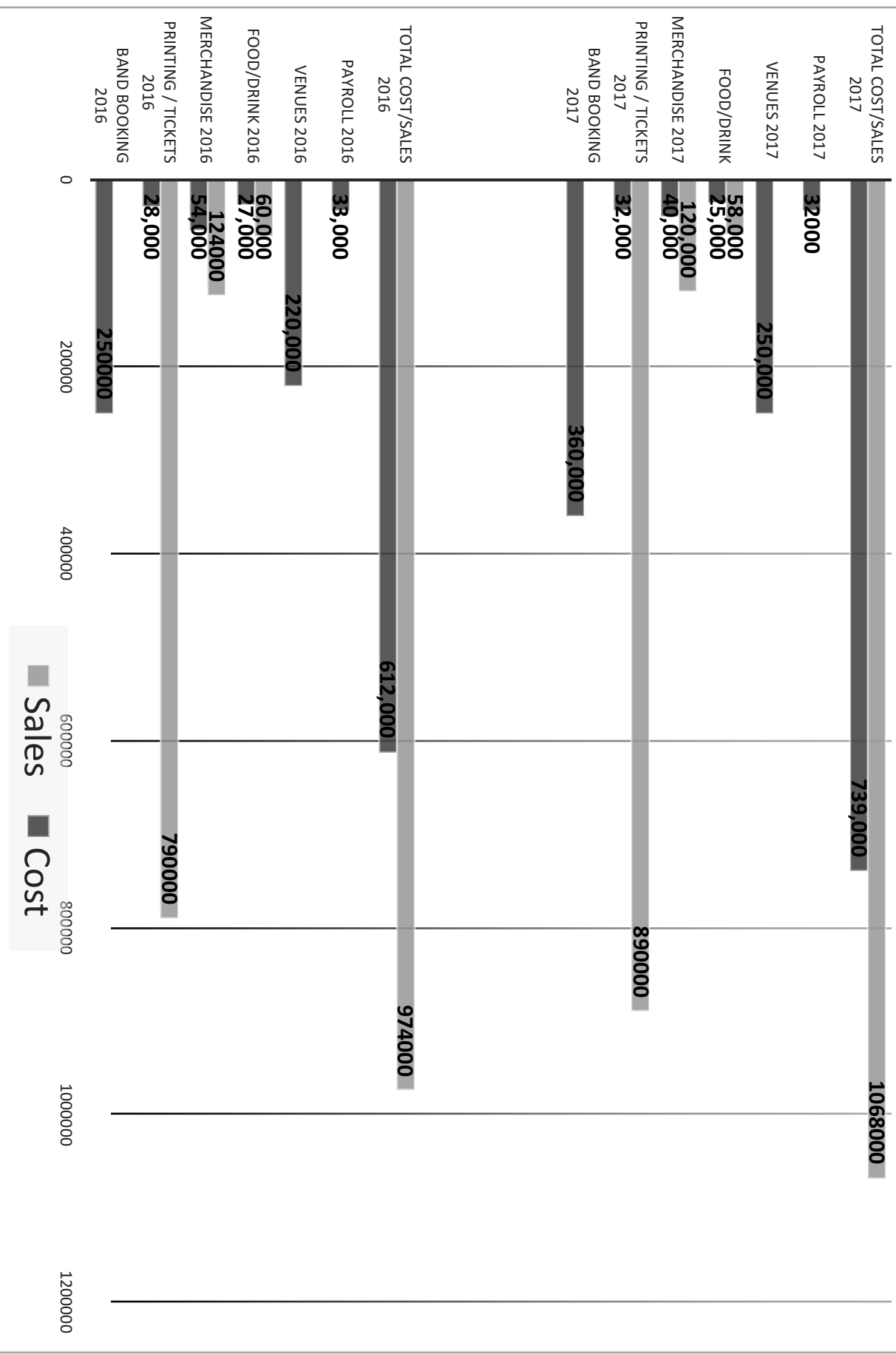
31. What does the line with triangles represent?
- genres
 - average age of genre fan
 - average amount of dollars spent on merchandise
 - percentage of fans interested in a particular genre
32. What genre had the highest percentage of self-identified fans?
- rock
 - rap
 - country
 - jazz
33. Which genre's fans spent the most on average?
- electronic
 - rap
 - country
 - rock
34. Which genre's fans had the lowest average age?
- jazz
 - classical
 - soul
 - reggae
35. How many people took part in the survey?
- under 100
 - 100
 - over 100
 - not indicated
36. How many genres of music are represented on the graph?
- 3
 - 5
 - 8
 - 11
37. How many genres had an average fan age above 30?
- 2
 - 4
 - 6
 - 0
38. Which genre with an average fan age over 30 had the highest percentage of self-identified fans?
- electronic
 - rock
 - classical
 - rap
39. How many genres had a percentage of self-identified fans above 30%?
- 2
 - 4
 - 6
 - 0
40. Which of the following is not represented by the y axis?
- age
 - dollars
 - attendance in thousands
 - percentage of fans
- TRUE/FALSE**
41. The fans of the genre with the oldest average age spent the least money on merchandise.
42. More people are country music fans than soul music fans.
43. The survey was taken after a music festival.
44. The x-axis is ordered from highest genre fan percentage to lowest.
45. Rap fans spent more on merchandise per person than electronic fans.

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Asia

46. How many of the world's tallest 100 peaks are in Asia?
- 10
 - 40
 - 80
 - 100
47. Balqash, Kazakhstan is on the north shore of what body of water?
- Caspian Sea
 - Lake Balkhash
 - Aral Sea
 - Arabian Sea
48. The Himalayas are in what area of China?
- eastern border
 - western border
 - northern border
 - southern border
49. What do purple areas of the elevation map indicate?
- elevation of over 6,000 meters
 - an elevation range of 3,000 to 6,000 meters
 - an elevation range of 1,500 to 3,000 meters
 - an elevation range of 600 to 1,500 meters
50. What capital city can be found below the equator at about 107°E?
- Vientiane, Laos
 - Jakarta, Indonesia
 - Manila, Philippines
 - Tokyo, Japan
51. How many types of land cover are shown on the Land Cover Map?
- 6
 - 7
 - 8
 - 9
52. Which of the following countries gets the most precipitation?
- Iran
 - Saudi Arabia
 - Thailand
 - Afghanistan
53. Gaza is officially part of what country?
- Jordan
 - Israel
 - Syria
 - none
54. The area of the continent known as "the cold desert" can be found in what country?
- Yemen
 - Russia
 - India
 - Oman
55. Russian territory cannot be found on which regional map?
- | | |
|----------------------|--|
| a. Southwestern Asia | c. Eastern Asia |
| b. Central Asia | d. Russian territories noted on all maps |
56. Which country is not an OPEC member?
- Algeria
 - Libya
 - Nigeria
 - Russia
57. Which of the following Indian cities has the largest population?
- Bangalore
 - Meerut
 - Patna
 - Vijayawada
58. China exports the least amount of goods to which country?
- Japan
 - United States
 - Hong Kong
 - All others
59. Which country has the highest GDP?
- India
 - Japan
 - South Korea
 - Indonesia
60. The longest river on the continent is in what country?
- China
 - India
 - Japan
 - Russia

Music Fest: Cost/Sales in Dollars



Music Festival Merchandise Sales

61. What years are represented on the graph?
- 2016, 2017
 - 2008, 2009
 - 2010, 2011
 - 2012, 2013
62. What do the darker bars represent?
- sales
 - number of bands
 - costs
 - number of venues
63. What was the single biggest expense in 2016??
- band bookings
 - merchandise
 - food/drink
 - venues
64. Which year had higher sales in Food/Drink?
- 2017
 - 2016
 - 2008
 - 2011
65. Which year had a higher total of sales?
- 2017
 - 2016
 - 2008
 - 2009
66. The cost went down in how many categories in 2017?
- 1
 - 4
 - 3
 - 2
67. Which year had higher profits for merchandise?
- 2008
 - 2011
 - 2016
 - 2017
68. How many separate (not counting annual totals) cost categories are there?
- 2
 - 4
 - 6
 - 5

69. Besides ticket sales, what category had the next highest amount of sales for 2017?
- venues
 - merchandise
 - band booking
 - food/drink
70. How much more did the venues cost in 2017?
- \$30,000
 - \$33,000
 - \$6,000
 - \$20,000

TRUE/FALSE

71. Merchandise sales had a higher sales total in 2016.
72. The cost for booking bands doubled in 2017.
73. Venue sales increased by 30,000 from 2016 to 2017.
74. Merchandise had higher sales than Food/Drink sales in both years.
75. The x axis provides sales and cost information in dollars.



**University Interscholastic League
A+ Maps/Graphs/Charts Contest • 2018-2019
7/8 Spring District
Answer Key**

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