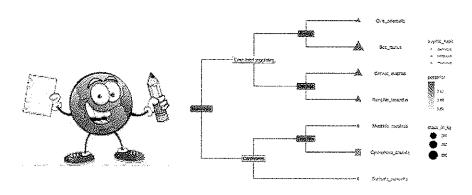


Maps, Graphs, & Charts **DISTRICT Contest**

Grades 4/5



2020

FINAL SCORE:

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

PSIA - Maps, Graphs, and Charts - District Test -- 2020

Atlas Questions - United States - The following questions are about the United States.

1.	Which of the following Florida city is the most north?						
	A.	Orlando	В.	Miami			
	C.	Daytona Beach	D.	West Palm Beach			
2.	What large lake in Arkansas is located northeast of Fayetteville?						
	A.	Lake Dardanelle	В.	Lake Ouachita			
	C.	Lake O' the Cherokees	D.	Beaver Lake			
3.	What i	major Pennsylvania city is north of II	H-90?				
	A.	Harrisburg	В.	Pittsburgh			
	C.	Erie	D.	Scranton			
4.	Which of the following cities' airports has the most airline passengers per year?						
	A.	Denver	В.	Houston			
	C.	Miami	D.	Chicago			
5.	Sheridan, Wyoming is closest to the border with what other state?						
	A.	Montana	В.	Idaho			
	C.	South Dakota	D.	Utah			
6.		percent of consumed energy in the Un	nited Sta	ates comes from coal?			
	A.	17.7%	В.	28.2%			
	C.	21.4%	D.	9.6%			
7.	Which of the following areas of Alaska are classified as tundra?						
	A.	Alaska Peninsula	В.	Aleutian Islands			
	C.	Alexander Archipelago	D.	Seward Peninsula			
8.	What two agricultural commodities is Idaho known for producing?						
	A.	hogs and lettuce	В.	dairy and potatoes			
	C.	cotton and corn	D.	wheat and beef			
9.	Which of the following states is not correctly matched with its capital city?						
	A.	Richmond, Virginia	В.	Detroit, Michigan			
	C.	Springfield, Illinois	D.	Montpelier, Vermont			

Chart and Map – Use the following chart and map to answer questions about NASA's (manned) Mercury program.

Mission	Call-sign	Pilot	Launch time (local)	Duration	Orbits	Apogee (mi)	Perigee (mi)
MR-3	Freedom 7	Shepard	9:34am – May 5, 1961	15 m 22 s	0	117	None
MR-4	Liberty Bell 7	Grissom	7:20am - Jul 21, 1961	15 m 37 s	0	118	None
MA-6	Friendship 7	Glenn	9:47am – Feb 20, 1962	4 h 55 m 23 s	3	162	100
MA-7	Aurora 7	Carpenter	7:45am - May 24, 1962	4 h 56 m 5 s	3	167	100
MA-8	Sigma 7	Schirra	7:15am - Oct 3, 1962	9 h 13 m 15 s	6	176	100
MA-9	Faith 7	Cooper	8:04am – May 15, 1963	1 d 10 h 19 m 49 s	22	166	100

MR = Mercury-Redstone MA = Mercury-Atlas



- 10. What was the call-sign for the Mercury-Atlas 8 mission?
 - **A.** Aurora 7

B. Liberty Bell 7

C. Faith 7

- **D.** Sigma 7
- 11. Which mission had the lowest apogee?
 - **A.** Mercury-Redstone 3
- **B.** Mercury-Redstone 4

C. Mercury-Atlas 6

D. Mercury-Atlas 9

- 12. Who piloted Freedom 7?
 - A. Alan Shepard

B. John Glenn

C. Wally Schirra

- **D.** Gus Grissom
- 13. What time of day (local time from the launch point) did Aurora 7 splashdown?
 - **A.** 12:51pm

B. 12:22pm

C. 12:36pm

- **D.** 12:41pm
- 14. Which pilot landed in the Atlantic Ocean, just north of the Dominican Republic?
 - A. Scott Carpenter

B. Alan Shepard

C. Wally Schirra

D. John Glenn

- 15. Which of the following statements about the manned flights of the Mercury program is not true?
 - **A.** The Mercury-Redstone program preceded the Mercury-Atlas program.
 - **B.** All manned Mercury-Redstone flights were "suborbital," meaning the spacecraft did not orbit the Earth before descending and landing.
 - **C.** Each Mercury mission was piloted by a different astronaut.
 - **D.** All manned Mercury missions were launched in the morning and landed in the morning.

Pictogram – Use the information in the pictogram from the Rec Center visitor's log to answer the following questions.

Recreational Center Activity Logs Each symbol represents 20 people. Mon Tue Wed Thu Basketball Selection Volleyball Selection Racquetball P, P P Swimming As A		
Basketball	Wee	
Volleyball		Fri
Racquetball P, Swimming at		₩ €
Exercise / Weights How many people came to the Rec Center to play basketball on Tuesday of this week A. 3		
Exercise / Weights How many people came to the Rec Center to play basketball on Tuesday of this we A. 3 C. 6 D. 60 What day of this week did more people come to the Rec Center to play volleyball to participate in any other activity? A. Friday C. Wednesday D. Monday Which activity did 84 people participate in on Tuesday of this week? A. exercise / weights B. swimming C. volleyball D. racquetball How many fewer people played basketball on Friday than lifted weights (or exercise A. 50 C. 60 D. 30 Which day had half the number of people playing volleyball than who played it on A. Monday C. Wednesday D. Friday What day were the racquetball courts closed for cleaning and recoating?		
How many people came to the Rec Center to play basketball on Tuesday of this we A. 3 B. 30 C. 6 D. 60 What day of this week did more people come to the Rec Center to play volleyball to participate in any other activity? A. Friday B. Thursday C. Wednesday D. Monday Which activity did 84 people participate in on Tuesday of this week? A. exercise / weights B. swimming C. volleyball D. racquetball How many fewer people played basketball on Friday than lifted weights (or exercise A. 50 B. 40 C. 60 D. 30 Which day had half the number of people playing volleyball than who played it on A. Monday B. Tuesday C. Wednesday D. Friday What day were the racquetball courts closed for cleaning and recoating?		ali ali ali
A. 3 C. 6 D. 60 What day of this week did more people come to the Rec Center to play volleyball to participate in any other activity? A. Friday B. Thursday C. Wednesday D. Monday 18. Which activity did 84 people participate in on Tuesday of this week? A. exercise / weights B. swimming C. volleyball D. racquetball 19. How many fewer people played basketball on Friday than lifted weights (or exercise) A. 50 B. 40 C. 60 D. 30 20. Which day had half the number of people playing volleyball than who played it on A. Monday C. Wednesday D. Friday 21. What day were the racquetball courts closed for cleaning and recoating?	xerci	€\$ €\$ €\$
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20. Which day had half the number of people playing volleyball than who played it on A. Monday B. Tuesday C. Wednesday D. Friday 21. What day were the racquetball courts closed for cleaning and recoating?		
A. Monday C. Wednesday D. Friday What day were the racquetball courts closed for cleaning and recoating?		
J	0.	Thursday?
A. December 6th C. December 2nd B. December 4th D. December 3rd	1.	

- 22. Which activity averages approximately 80 people per weekday?
 - A. basketball

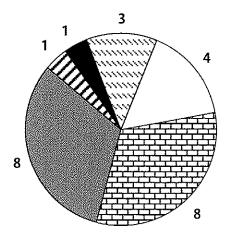
B. volleyball

C. racquetball

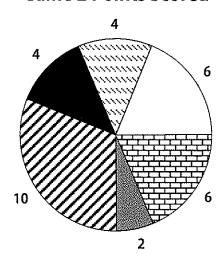
D. exercise / weights

Pie Charts – Use the following pie charts to answer the questions about the Girls' Basketball Games.

Game 1 Points Scored



Game 2 Points Scored



□ Emily

± Heather

Rebecca

Alex

■ Lisa

Maria

- 23. Which player had 4 points in Game 1?
 - A. Maria

B. Emily

C. Heather

D. Lisa

- 24. How many points did Rebecca have in total over both games?
 - A. 6 points

B. 18 points

C. 14 points

D. 10 points

- 25. Which two players scored the same number of points in Game 2?
 - A. Maria and Lisa

B. Alex and Lisa

C. Heather and Rebecca

D. Rebecca and Emily

- 26. How many players scored more points in Game 2 than in Game 1?
 - A. 2

B.

C. 4

D. 5

- 27. Which player scored 25% less in Game 2 than in Game 1?
 - A. Alex

B. Heather

C. Rebecca

D. Emily

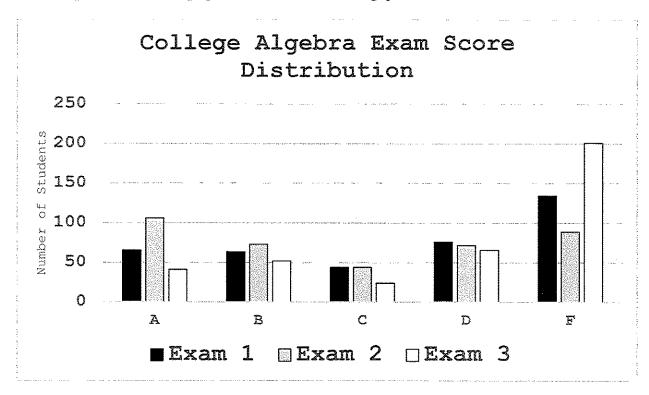
- 28. What percent of the team's points did Rebecca score in Game 1?
 - **A.** 8%

B. 32%

C. 16%

D. 40%

Bar Graph – Use the bar graph to answer the following questions.



- 29. How many B's were scored on the second exam?
 - **A.** 113

B. 93

C. 73

- **D.** 53
- 30. Which grade was earned by more students than any other on the second exam?
 - Α.

B. B

C. D

- D. F
- 31. How many fewer B's were earned on the third exam than the first exam?
 - **A.** About 70

A

B. About 50

C. About 30

- **D.** About 10
- 32. Approximately how many students are in this class?
 - **A.** 380

B. 415

C. 440

- **D.** 475
- 33. What class/course does the chart show scores for?
 - A. political science

B. American literature

C. biology

- D.
- college algebra

Which of the following statements is correct?

34.

В.

C.

	C. D.	Throughout the course, fewer and fe The same number of students scored					
Atlas North	Questic and So	ons – North and South America – U uth America.	se the	atlas to answer the following questions about			
35.		of the following ethnicities makes up					
	A.	Scottish	В.	Ukrainian			
	C.	East Indian	D.	French			
36.	The Caratasca Lagoon is located off the coast of which country?						
	A.	Panama	В.	Costa Rica			
	C.	Honduras	D.	Venezuela			
37.	What :	Mexican state is Hermosillo the capita	al of?				
	A.	Coahuila	В.	Zacatecas			
	C.	Chihuahua	D.	Sonora			
38.	Which	country is Chile's most important tra	ide pari	tner?			
	A.	China	В.	United States			
	C.	Japan	D.	European Union			
39.	Which	of the following cities averages 45 in	nches o	f rainfall per year?			
	A.	Paramaribo, Suriname	В.	Regina, Saskatchewan, Canada			
	C.	Colon, Panama	D.	Winston-Salem, North Carolina, USA			
40.	In the	Andes Mountains, what happens to th	e clima	ate as the altitude increases?			
	A.	It gets wetter and warmer.	В.	It gets wetter and colder.			
	C.	It gets drier and warmer.	D.	It gets drier and colder.			
Atlas	Onestic	ans — The World — Use the atlas to an	icuser tl	ne following questions about the world.			
210100	Zuesere	The world Ose the artas to an	isvvei ti	de fonowing questions about the world.			
41.	Which	of the following lakes is north of the	Arctic	Circle?			
	A.	<u> </u>	В.	Lake Inari			
	C.	Lake Vattern	Ð.	Lake Peipus			
42.	What i	sland is the current capital of Indones Sumatra					
			B .	Java			
	C.	Sulawesi (Celebes)	D.	Borneo			
43.		s the most densely populated country		•			
	A.		B.	Monaco			
	C.	Turkey	D.	Austria			

Throughout the course, the number of students receiving B's increased.

More students earned A's than any other grade overall.

44.	Whic A. C.	h tectonic plate resides between the S Australian Plate African (Nubian) Plate	South A: B. D.	merican Plate and the Pacific Plate? Philippine Plate Nazca Plate
45.	What A. C.	is the approximate population of all a 80 million 20 million	African B. D.	s, aged 30 to 34? 100 million 50 million
46.	What A. C.	is the predominant religion of Mongo Traditional or Folk Islam	olia? B. D.	Hinduism Buddhism
47.	Tahiti Pacifi A. C.	ans and Maori are classified under w c? Micronesians Melanesians	hat maj B. D.	or group of indigenous people in the South Polynesians Aborigines
48.	Bislan A. C.	na, the official language of Vanuatua Nilo-Saharan Sino-Tibetan	n peopl B. D.	e, is based on what language family? English creole Khoisan
49.	What A. C.	metal is southeast Brazil known for p silver magnesium	producis B. D.	ng? copper iron
50.	Due to immig A. C.	o the Syrian Civil War (2011-present) grated to Lebanon? Approximately three million Approximately one million	B. D.	nany Syrians left their homeland and Approximately two million Approximately one-half million

PSIA Maps, Graphs & Charts – Grades 4/5 Contest Contestant Answer Sheet – DISTRICT 2020

CONTESTANT II	D#:	GRADE LEVEL:
corresponding to th	e test item number. SCORING	each answer choice (A, B, C, or D) in the blank G: +5 for each correct answer; -2 for each incorrect tems. Any mark on a space counts as an attempt.
ANSWER	ANSWER	ANSWER
1.	18.	35.
2	19.	36.
3.	20.	37.
4.	21.	38.
5	22.	39.
6	23.	40
7.	24.	41.
8.	25.	42.
9.	26.	43.
10.	27.	44.
11	28.	45. SCORE Initials
12.	29.	Grader 1:
13.	30.	47 Grader 1:
14	31.	48
15	32.	Grader 1:
16.	33.	50
17.	34.	Official Score:

Contest Director ONLY: AFTER scoring, place this answer sheet with the Contestant's ID-labeled test.

PSIA Maps, Graphs & Charts Contest Grades 4-5 DISTRICT – 2020 ANSWER KEY

Page number references in parentheses are found only in the **2018** or **NEWER** editions of the *Nystrom Desk Atlas*. **Scoring:** +5 for each correct answer; -2 for each incorrect answer. No points are deducted for skipped or unanswered items. Deduct 2 points for erasures/mark-outs not resulting in a correct answer.

1. C (93)	18. B	35. A (67)
2. D (95)	19. A	36. C (107)
3. C (88)	20. A	37. D (114)
4. D (86)	21. A	38. A (124)
5. A (101)	22. D	39. D (80)
6. A (84)	23. B	40. D (123)
7. D (76)	24. D	41. B (157)
8. B (83)	25. A	42. B (181)
9. B (75)	26. C	43. B (145)
10. D	27. В	44. D (20)
11. A	28. B	45. A (36)
12. A	29. C	46. D (177)
13. D	30. A	47. B (194)
14. D (107)	31. D	48. B (205)
15. D	32. A	49. D (31)
16. D	33. D	50. C (48)
17. B	34. C	