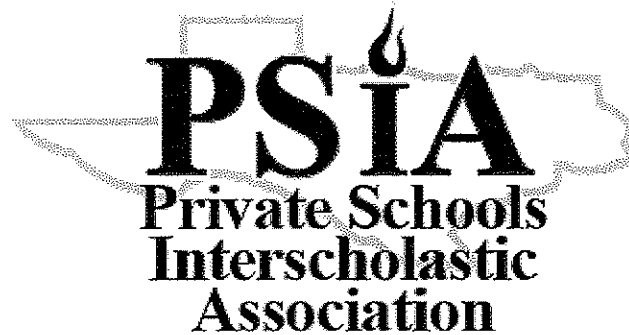


CONTESTANT ID #: _____

GRADE LEVEL : _____

*Place Contestant ID label here BEFORE
Contest Begins*



Maps, Graphs, & Charts

State Contest

Grades 4-5

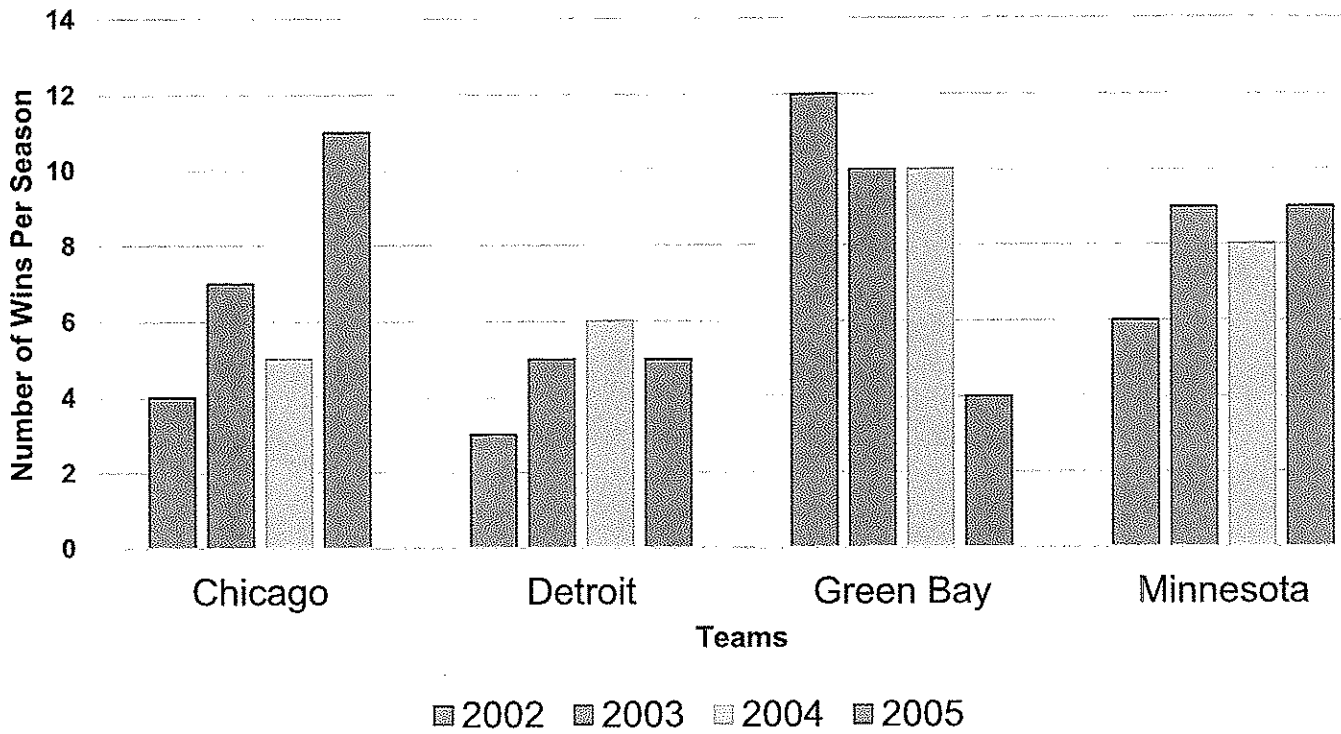


2023

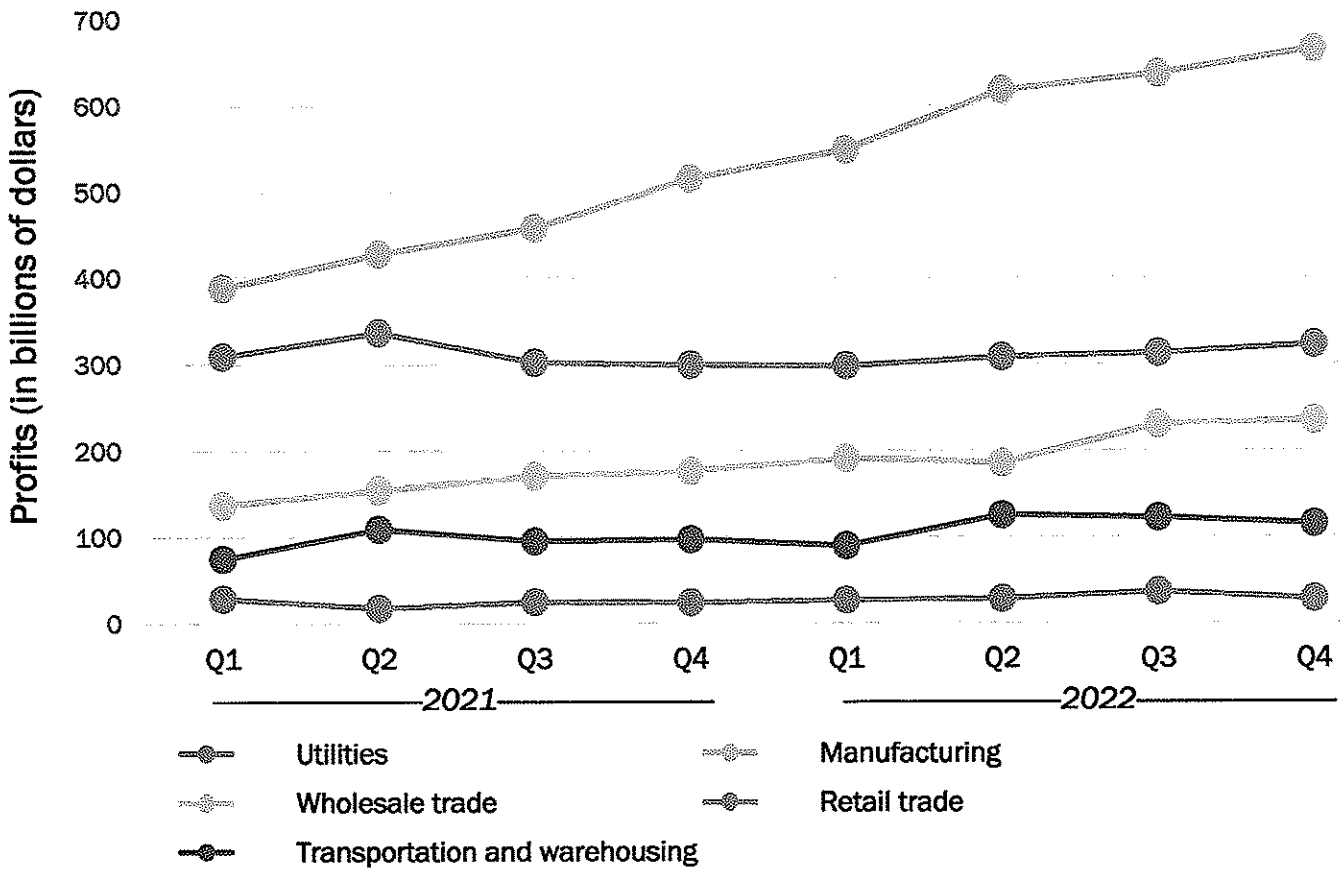
FINAL SCORE: _____

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

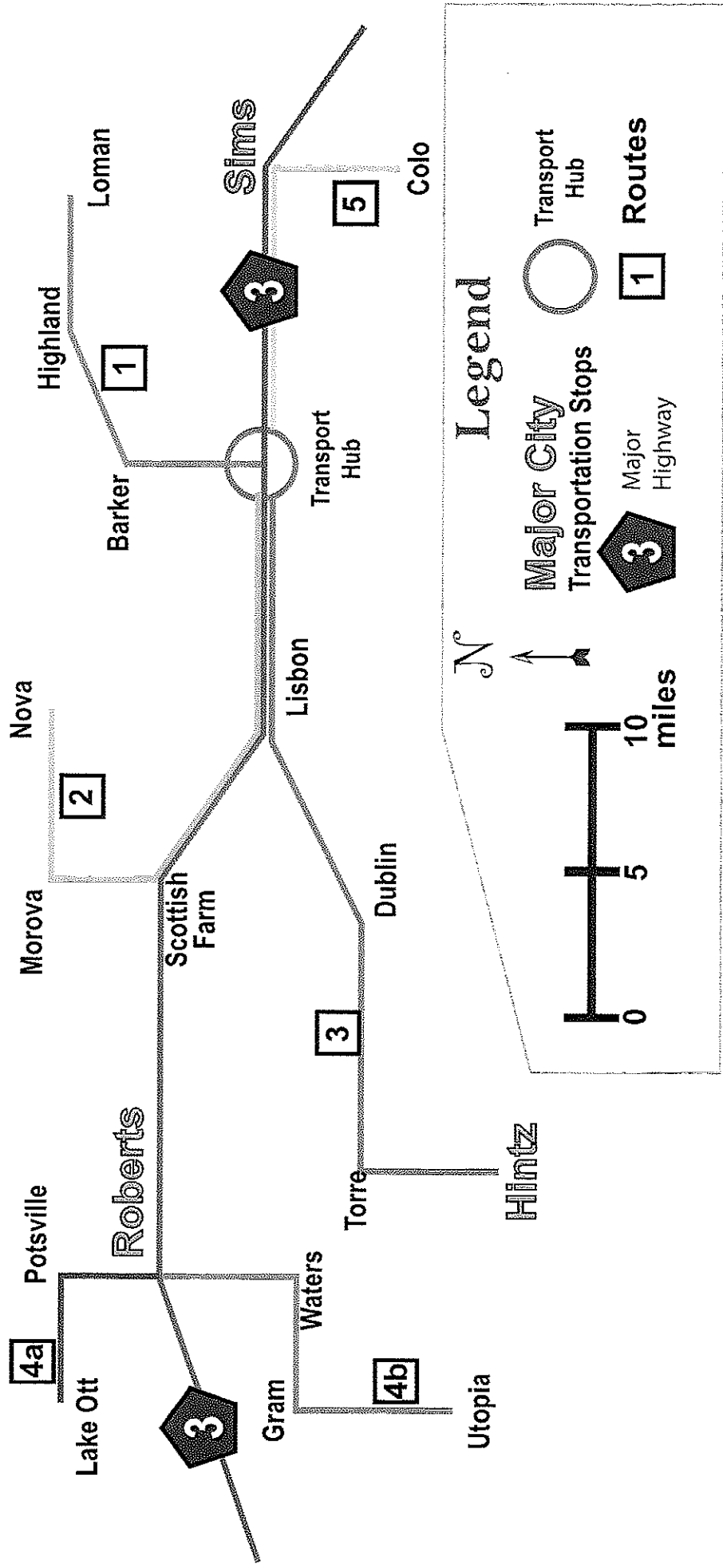
NFC North



U.S. National Income by Corporate Profits



Transportation Map



Bar Chart – NFC North – The chart gives the number of wins by each team in the NFC North division of the National Football League from 2002 to 2006.

1. How many wins did Chicago have in 2003?
A. 6
B. 7
C. 8
D. 9
2. Which team had the most wins in 2005?
A. Chicago
B. Detroit
C. Green Bay
D. Minnesota
3. Which team had two consecutive seasons with the same number of wins during this time period?
A. Chicago
B. Detroit
C. Green Bay
D. Minnesota
4. In what year did Detroit have 3 wins?
A. 2002
B. 2003
C. 2004
D. 2005
5. How many total wins did Green Bay have over these four seasons?
A. 32
B. 36
C. 27
D. 34
6. Which team had the largest increase in the number of wins between any two consecutive years in this period?
A. Minnesota
B. Chicago
C. Green Bay
D. Detroit

Line Graph – Use the U.S. National Income by Corporate Profits graph to answer the following questions. Q1 stands for “First Quarter”, Q2 stands for “Second Quarter”, etc. A quarter is a three-month period. All questions relate to U.S. companies.

7. What were the corporate profits in the retail trade sector for the first quarter of 2022?
A. \$200 billion
B. \$400 billion
C. \$500 billion
D. \$300 billion
8. Which sector posted profits of \$75 billion in the first quarter of 2021?
A. manufacturing
B. utilities
C. transportation and warehousing
D. wholesale trade
9. Which sector has shown steady increases over these two years?
A. transportation and warehousing
B. retail trade
C. utilities
D. manufacturing
10. Which two sectors experienced a decrease from the second to third quarter of 2021?
A. manufacturing and utilities
B. transportation & warehousing and retail trade
C. retail trade and wholesale trade
D. wholesale trade and transportation & warehousing

11. Which quarter did wholesale trade first cross over the \$200 billion profits mark?
A. third quarter of 2021 B. third quarter of 2022
C. second quarter of 2021 D. second quarter of 2022
12. Approximately how much more in profits did the manufacturing sector produce in the first quarter of 2022 than in the third quarter of 2021?
A. \$220 billion B. \$40 billion
C. \$180 billion D. \$90 billion

Map – Use the Public Transportation Map to answer the following questions.

13. Which of the following is not a major city listed on the map?
A. Sims B. Hintz
C. Dublin D. Roberts
14. In order to get to Torre from the Transport Hub, which route should you take?
A. 2 B. 3
C. 4a D. 5
15. Which of the following stops lies on Route 2?
A. Torre B. Potsville
C. Nova D. Loman
16. If you needed to get from Highland to Morova, which path should you take?
A. Take Route 3 to the Transport Hub, then change to Route 1.
B. Take Route 2 to the Transport Hub, then change to Route 1.
C. Take Route 1 to the Transport Hub, then change to Route 3.
D. Take Route 1 to the Transport Hub, then change to Route 2.
17. Approximately how far apart is Roberts from Scottish Farm?
A. 8 miles B. 10 miles
C. 13 miles D. 18 miles
18. Which route provides service south from Roberts?
A. Route 4b B. Route 4a
C. Route 3 D. Route 1

Atlas Questions – Use the atlas to answer the following questions.

19. What state capital lies near IH-94 between Fargo and Dickinson?
A. Bismarck B. Pierre
C. Lincoln D. Topeka
20. Which country borders Chad, The Democratic Republic of the Congo, and Cameroon?
A. Nigeria B. Central African Republic
C. Congo Republic D. South Sudan

21. What river does Seville and Cordoba lie on?
A. Guadalquivir River B. Jucar River
C. Ebro River D. Guadiana River
22. How much precipitation does Saskatchewan receive per year?
A. over 2000 millimeters B. between 1000 and 2000 millimeters
C. between 500 and 1000 millimeters D. between 250 and 500 millimeters
23. What natural resource is produced in central Algeria?
A. iron B. natural gas
C. copper D. tin
24. As a result of the Syrian Civil War (2011), approximately how many Syrians fled to Lebanon?
A. 117,000 B. 6,500,000
C. 1,000,000 D. 2,700,000
25. Which Indian city is closest to the Tropic of Capricorn?
A. Kolkata B. Ahmadabad
C. Bangalore D. Mumbai
26. Where would you find the Rio Grande Rise?
A. between Madrid and Barcelona B. off the eastern coast of South America
C. in the Gulf of Mexico D. spanning between the Great Lakes
27. Which country do the southern peaks of the Zagros Mountains lie in?
A. Kazakhstan B. Afghanistan
C. Turkey D. Iran
28. Which country does Chile export approximately \$17.5 billion worth of goods to?
A. United States B. European Union
C. China D. Japan
29. The Quad Cities is the name given to four cities in the same area on the border of Iowa and Illinois. They include Bettendorf, Moline, Rock Island, and which other city?
A. Davenport B. Des Moines
C. Peoria D. Normal
30. How long is the Great Rift Valley?
A. 2500 miles B. 3500 miles
C. 4500 miles D. 5500 miles
31. The Sava River feeds into the Danube River in what European capital?
A. Bucharest B. Belgrade
C. Zagreb D. Budapest
32. How many mountains in the world rise higher than 28,000 feet?
A. one B. two
C. three D. four



Maps, Graphs, & Charts

Grades 4-5

State Contest

GRADERS: Write scores and initial.

Score 1: _____

Score 3: _____

Score 2: _____

FINAL: _____

Contestant Answer Sheet

Contestant ID: _____ Grade Level: _____

INSTRUCTIONS: Place the PRINTED CAPITAL letter of each answer choice (A, B, C, or D) in the blank corresponding to the test item number. SCORING: +5 for each correct answer; -2 for each incorrect answer; no deduction for skipped or unanswered items. Visible erasures and mark-outs constitute a 2-point deduction ONLY if a correct answer is not written in the answer space.

- | | | |
|-----------|-----------|-----------|
| 1. _____ | 16. _____ | 31. _____ |
| 2. _____ | 17. _____ | 32. _____ |
| 3. _____ | 18. _____ | 33. _____ |
| 4. _____ | 19. _____ | 34. _____ |
| 5. _____ | 20. _____ | 35. _____ |
| 6. _____ | 21. _____ | 36. _____ |
| 7. _____ | 22. _____ | 37. _____ |
| 8. _____ | 23. _____ | 38. _____ |
| 9. _____ | 24. _____ | 39. _____ |
| 10. _____ | 25. _____ | 40. _____ |
| 11. _____ | 26. _____ | |
| 12. _____ | 27. _____ | |
| 13. _____ | 28. _____ | |
| 14. _____ | 29. _____ | |
| 15. _____ | 30. _____ | |



Maps, Graphs, & Charts
Grades 4-5
State 2023

ANSWER KEY

REMINDERS: PRINTED CAPITAL letters only. SCORING: +5 for each correct answer; -2 for each incorrect answer; no deduction for skipped or unanswered items. Visible erasures and mark-outs constitute a 2-point deduction ONLY if a correct answer is not written in the answer space.

- | | | |
|--------------|--------------------|----------------------|
| 1. B | 16. D | 31. B (159) |
| 2. A | 17. C | 32. C (cover) |
| 3. C | 18. A | 33. C (41) |
| 4. A | 19. A (98) | 34. A (55) |
| 5. B | 20. B (132) | 35. D (110) |
| 6. B | 21. A (158) | 36. C (123) |
| 7. D | 22. D (64) | 37. B (209) |
| 8. C | 23. B (136) | 38. A (204) |
| 9. D | 24. C (48) | 39. C (189) |
| 10. B | 25. C (180) | 40. B (83) |
| 11. B | 26. B (22) | |
| 12. D | 27. D (168) | |
| 13. C | 28. C (124) | |
| 14. B | 29. A (97) | |
| 15. C | 30. C (141) | |