

THE PRO GAME

Football season at Central High School was over. While Michael liked playing, he didn't miss practice too much. He really needed time to study more. He was ready to settle for pro games on TV through January.

Early in December his father said, "Michael, a friend of mine has Wildcat season tickets. He can't use them for the Driller game. He asked if you and I could use them. Would you like to go?"

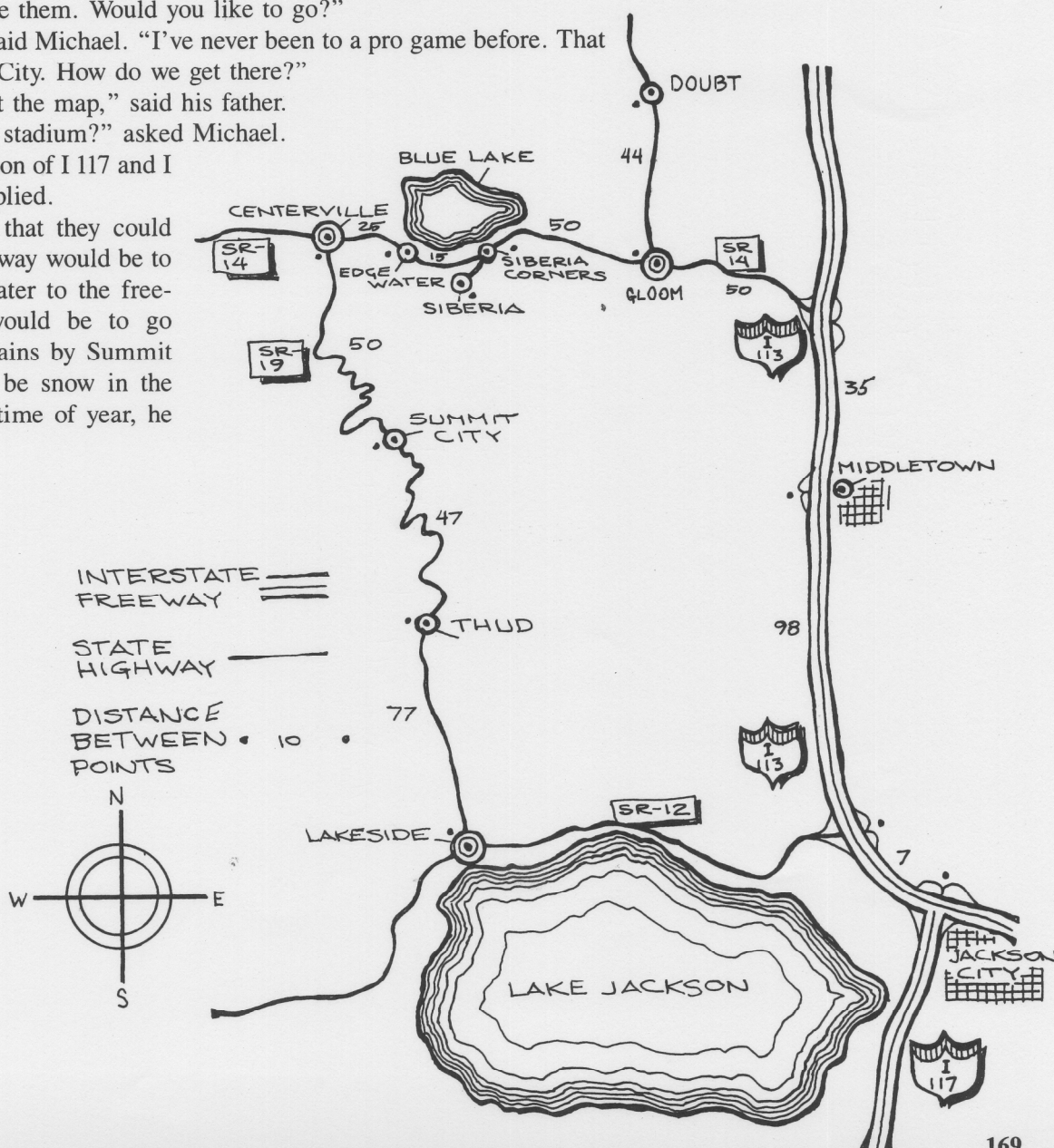
"Would I?" said Michael. "I've never been to a pro game before. That game's in Jackson City. How do we get there?"

"Let's look at the map," said his father.

"Where's the stadium?" asked Michael.

"At the junction of I 117 and I 113," his father replied.

Michael saw that they could go two ways. One way would be to go through Edgewater to the freeway. The other would be to go through the mountains by Summit City. There could be snow in the mountains at this time of year, he remembered.



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Problem Set C

Directions: Read the story "The Pro Game." You will need to use the map. Your calculator will also be useful.

Please email your responses to your Math teacher.

- There are two ways to get to Jackson City from Centerville. Pick the one you think would be the faster and give two reasons for your choice.
- They chose the faster route. Michael estimated that his father would average 50 miles per hour. They want to get to the stadium by noon. Allowing for two rest stops, about when should they leave home in order to arrive at the stadium by noon?
- It took three hours to get to the freeway. What was their average speed to that point?
- Michael's father called a friend in Lakeside. He invited them for dinner after the game. How far did they have to go to get home from Lakeside?
- It was snowing above Thud. They had to put on chains at Thud and remove them at Summit City. At 30 miles per hour, how long did it take them to drive this part of the trip?

