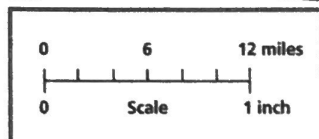
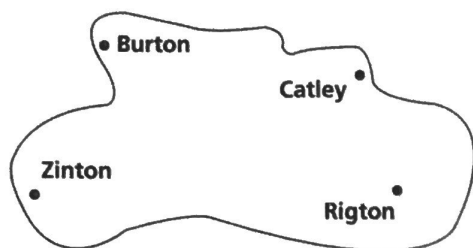


Chapter 8 Mastery Test A



1 inch = 12 miles

Directions Use the map and scale for problems 1 and 2.

- 1) What is the distance between Rigton and Zinton? _____
- 2) How much farther is it from Zinton to Rigton than from Zinton to Burton? _____

Directions Solve the following problems.

- 3) Tom buys bus fare for himself and his 7-year-old nephew. Full fare is \$24.50. Children under 12 ride for half fare. What is the total fare for both tickets? _____
- 4) Tom and his nephew leave by bus at 10:50 A.M. The bus arrives in Markton at 2:45 P.M. How long does the trip take? _____

Directions Use these hotel rates for problems 5 and 6.

Room Rates: Single, \$69.50; Double, \$74.50; Suite, \$147.50

- 5) Compute the hotel expenses for a group of five on vacation for five days. Include a 15% tax. _____
- 6) What is the cost per person for two people to stay in a hotel room for 4 nights? Include a 15% tax. _____
- 7) How many nights are spent in a hotel by guests who arrive on March 29 and leave on April 5? _____

Directions Use this exchange rate for problems 8 and 9.

1.50 marks = 1 U.S. dollar

1 mark = \$0.67 U.S. dollars

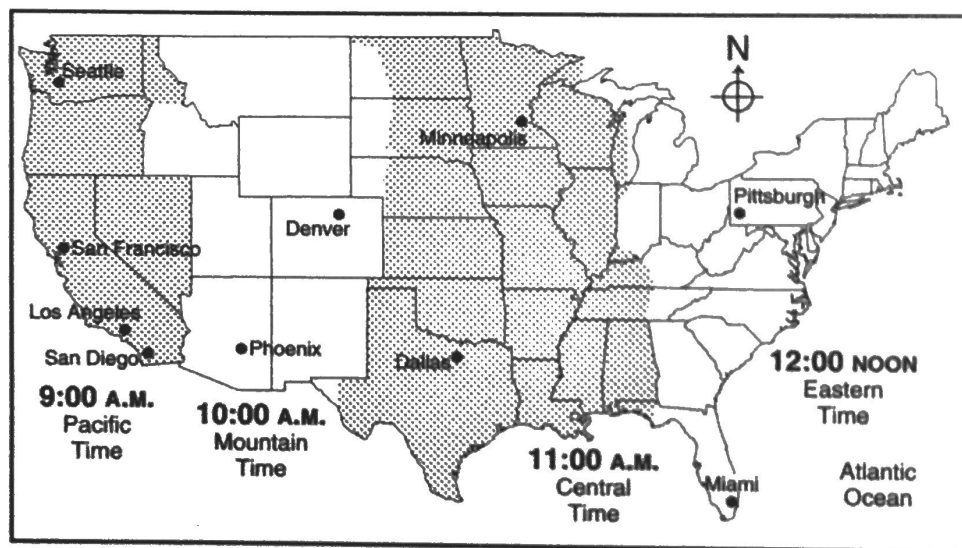
- 8) How many dollars can be exchanged for 131 German marks? _____
- 9) When Nico visits the United States, he sees a CD player that he likes. It is priced at \$178. How much would it cost in marks? _____

Chapter 8 Mastery Test A, continued

Directions Solve the following problems.

- 10) Malinda wants to rent a compact car for 8 days. Ace Rental rents these cars for \$48 per day or \$312 per week. Compute the cost of each plan for her. Which plan is more economical? _____
- 11) Shira parks her car at the City Center Parking Lot from 10:15 A.M. to 3:10 P.M. The rate is \$1.50 for the first hour and \$1.00 for each additional hour or partial hour. How much does Shira have to pay? _____

Directions Use the time zone map for problems 12–15.



- 12) If it is 3:40 P.M. in Denver, what time is it in Miami? _____
- 13) If it is 2:20 A.M. in Miami, what time is it in San Diego? _____
- 14) If a flight departs from Minneapolis at 11:35 A.M. and arrives in Los Angeles at 1:30 P.M., how long is the flight? _____
- 15) A plane departs from San Diego at 7:30 A.M. The flight to Pittsburgh is $4\frac{1}{2}$ hours. What is the arrival time in Pittsburgh? _____