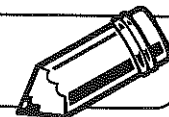


LESSON
2•4

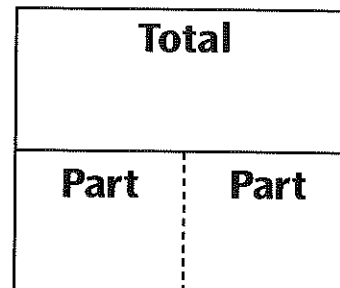
Using Situation Diagrams



- ◆ Use the information in each problem to fill in the diagram.
- ◆ Use a ? to show the missing number.
- ◆ Write an open number sentence with the information from the diagram.

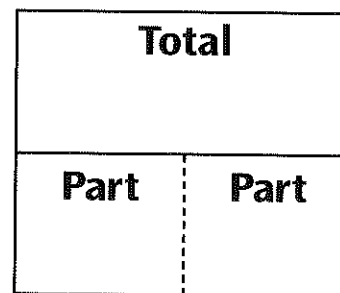
1. Two angles of a triangle measure 45° and 55° .
What is the sum of the measures of the two angles?

Open number sentence: _____



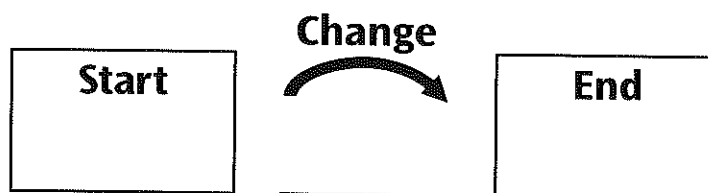
2. There are 64 tennis balls in a basket. If 35 of them are orange and the rest are green, how many tennis balls are green?

Open number sentence: _____



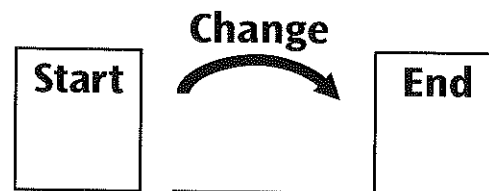
3. Elvin had \$15.00 to spend at the school bazaar. He spent \$12.75.
How much money did he have left?

Open number sentence:



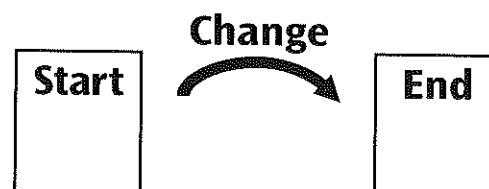
4. a. At 7 A.M., the temperature is 76°F . The temperature is expected to drop by 17° by 4 P.M.
What will the temperature be at 4 P.M.?

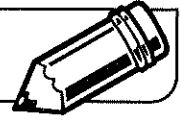
Open number sentence:



- b. What would the temperature be at 4 P.M. if the temperature increased by 17° ?

Open number sentence:



LESSON
2•4**Writing Open Number Sentences**

Write an open number sentence and solve the problem.

1. Chan brought his collection of 1,500 sports cards to school. He has 156 basketball cards and 625 football cards. The rest were baseball cards. How many baseball cards did Chan bring?

a. Open number sentence: _____

b. Solution: _____ c. Answer: _____ (unit)

2. Abdul took a bus downtown to see a movie. The bus ride to the theater took 15 minutes. If the movie was $2\frac{1}{4}$ hours long, how many hours and minutes was Abdul away from home?

a. Open number sentence: _____

b. Solution: _____

c. Answer: _____ (unit)

3. Julie paid \$14.08 to fill her gas tank with 10 gallons of gas before starting a trip from Chicago to Topeka, Kansas. After driving about 305 miles, she bought 10 more gallons of gas in Iowa and paid \$11.85. How much more did she pay for a gallon of gas in Chicago than in Iowa?

a. Open number sentence: _____

b. Solution: _____ c. Answer: _____ (unit)