

STUDY LINK
2•4
Open Sentences and Number Stories


Read each problem. Fill in the blanks and solve the problem.



- 1.** Althea and her brother collect baseball cards. Althea has 148 cards. Her brother has 127 cards. How many cards do they have altogether?

- a.** List the numbers needed to solve the problem. _____
- b.** Describe what you want to find. _____
- c.** Open number sentence: _____
- d.** Solution: _____ **e.** Answer: _____ (unit)

- 2.** Mark bought a hamburger for \$3.89 and a drink for \$1.49. If he paid with a \$20 bill, how much change did he receive?

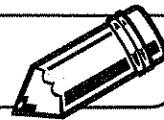
- a.** List the numbers needed to solve the problem. _____
- b.** Describe what you want to find. _____
- c.** Open number sentence: _____
- _____
- d.** Solution: _____ **e.** Answer: _____ (unit)

- 3.** Fran has four pieces of ribbon. Each piece of ribbon is a different length: 0.6 meters long, 1.15 meters long, 1.35 meters long, and 0.925 meters long. How many meters of ribbon does Fran have in all?

- a.** List the numbers needed to solve the problem.

- b.** Describe what you want to find. _____
- c.** Open number sentence:

- d.** Solution: _____
- e.** Answer: _____ (unit)

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)