

Practice 2-7

Problem Solving: Write an Equation

Solve each problem by writing an equation.

- In order to make a teaspoon of honey, a honeybee must make 154 trips. If a honeybee made 924 trips, how many teaspoons of honey could it make?

- Eight travelers sleeping in a hostel are snoring. The hostel has 15 sleeping travelers. How many travelers are not snoring?

- On a trip, a family drove an average of 250 mi each day. If the family drove a total of 3,000 mi on their trip, how many days were they gone?

- Juanita has completed typing 6 pages of her term paper. If her term paper is 18 pages long, how many more pages does she have to type?

- You plan to read 500 pages of a book in one week. You have read 142 pages so far this week. How many more pages must you read?

- After withdrawing \$58, Mark had \$200 left in his savings account. How much money was in the account before the withdrawal?

Solve using any strategy.

- In a pet store the number of fish is 120 more than three times the number of reptiles. If the pet store has 210 fish, how many reptiles does it have?

- On a farm, there are 20 fewer cows than twice the number of pigs. If there are 50 cows, how many pigs are there?

- A garage charged \$248 in parts and \$30/h in labor for work on a car. How many hours did the garage spend working on the car if the total bill was \$572?

- For a campfire, Brian brought 7 more logs than Max. If Max brought 24 logs, how many logs did Brian bring?
