

Practice 2-7

Problem Solving: Write an Equation

Solve each problem by writing an equation.

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| <p>1. 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?</p> <p>_____</p> | <p>2. Eight travelers sleeping in a hostel are snoring. The hostel has 15 sleeping travelers. How many travelers are not snoring?</p> <p>_____</p> |
| <p>3. 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?</p> <p>_____</p> | <p>4. 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?</p> <p>_____</p> |
| <p>5. 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?</p> <p>_____</p> | <p>6. After withdrawing \$58, Mark had \$200 left in his savings account. How much money was in the account before the withdrawal?</p> <p>_____</p> |

Solve using any strategy.

7. 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?
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8. On a farm, there are 20 fewer cows than twice the number of pigs. If there are 50 cows, how many pigs are there?
- _____
9. 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?
- _____
10. For a campfire, Brian brought 7 more logs than Max. If Max brought 24 logs, how many logs did Brian bring?
- _____