# Word problem involving fractions and multiplication: Worksheet 9.1

Name ..... Date ..... Score .....

1. A food joint used three pounds of potatoes during lunch hour. If they used one-sixth as much pork, how many pounds of pork did they use?
2. A jerry-can holds three-quarters of a gallon of fuel. If Peter filled up eight jerry-cans, how much fuel would he have?
3. Olsen stacked seven pieces of wood on top of one another. If each piece was one-ninth of a foot tall, how tall was his pile?
4. It takes three-fifths of a box of nails to make a bird cage. If you wanted to make three bird cages, how many boxes of nails would you need?
5. Larson ran eight miles on the first day of his training. The next day he ran three-quarters of that distance. How far did he run on the second day?
6. Santana lives four miles from his school. If he rode a bike five-eighths of the distance and then walked the rest, how far did he ride the bike?
7. A chef cooked five kilograms of rice for a party. If the guests ate two-thirds of the amount that was cooked, how much did they eat?
8. A bakery uses four cups of flour to make a full size cake. If they wanted to make a cake three-eighths the size, how many cups of flour would they need?
9. A farmer gives each of his cattle two-thirds of a bundle of grass every day. If he has six cows, how many bundles of grass does he use every day?
10. Each day an office used nine-tenths of a box of paper. How many boxes would they have used after five days?

# Solutions: Worksheet 9.1

1. 1/2 pound
2. 6 gallons
3. 7/9 foot
4. 9/5 boxes
5. 6 miles
6. 5/2 or 2 ½ miles
7. 10/3 or 3 1/3 kilograms
8. 3/2 or 1 ½ cups
9. 4 bundles
10. 4 ½ boxes