# Word problem involving fractions and multiplication: Worksheet 9.3

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

1. A food joint used four pounds of potatoes during lunch hour. If they used one-sixth as much pork, how many pounds of pork did they use?
2. Santana lives eight 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?
3. Olsen stacked seven pieces of wood on top of one another. If each piece was one-eighth of a foot tall, how tall was his pile?
4. It takes three-fourths 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 five miles on the first day of his training. The next day he ran four-fifths of that distance. How far did he run on the second day?
6. A jerry-can holds two-thirds of a gallon of fuel. If Peter filled up nine jerry-cans, how much fuel would he have?
7. A chef cooked six kilograms of rice for a party. If the guests ate two-fifths 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 five-eighths the size, how many cups of flour would they need?
9. A farmer gives each of his cattle one-fourths of a bundle of grass every day. If he has eight cows, how many bundles of grass does he use every day?
10. Each day an office used seven-eighths of a box of paper. How many boxes would they have used after four days?

# Solutions: Worksheet 9.3

1. 2/3 pound
2. 5 miles
3. 7/8 foot
4. 9/4 or $2\frac{1}{4}$ boxes
5. 4 miles
6. 6 gallons
7. 12/5 or $2\frac{2}{5}$ kilograms
8. 5/2 or $2\frac{1}{2}$ cups
9. 2 bundles
10. 7/2 or $3\frac{1}{2}$ boxes