Word problem involving fractions and multiplication: Worksheet 9.2

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

1. Larson ran six miles on the first day of his training. The next day he ran two-thirds of that distance. How far did he run on the second day?

2. A jerry-can holds three-fifths of a gallon of fuel. If Peter filled up ten jerry-cans, how much fuel would he have?

3. Olsen stacked six pieces of wood on top of one another. If each piece was one-seventh of a foot tall, how tall was his pile?

4. It takes two-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. A food joint used four pounds of potatoes during lunch hour. If they used one-fifth as much pork, how many pounds of pork did they use?

6. Santana lives three miles from his school. If he rode a bike five-sixths of the distance and then walked the rest, how far did he ride the bike?

7. A chef cooked four 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 three cups of flour to make a full size cake. If they wanted to make a cake five-sixths the size, how many cups of flour would they need?

9. A farmer gives each of his cattle two-fifths of a bundle of grass every day. If he has ten 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?

1. 4 miles

2. 6 gallons

3. 6/7 foot

4. 6/5 boxes or $1\frac{1}{5}$ boxes

5. 4/5 pound

6. 5/2 or $2\frac{1}{2}$ miles

7. 8/3 or $2\frac{2}{3}$ kilograms

8. 5/2 or $2\frac{1}{2}$ cups

9. 4 bundles

10. 7/2 or $3\frac{1}{2}$ boxes