

Word problem with multiplication of two decimals: Worksheet 9.3

Name Date Score

1. A road was 4.8 miles long. After rebuilding it was 2.7 times as long. How long was the road after rebuilding?
2. John had a bucket that was 0.6 full of oranges. He had to throw 0.42 of them because they had become rotten. What amount of oranges were rotten?
3. At a shop a large chocolate shake takes 0.9 pint of milk to make and a medium shake takes 0.6 the amount of large shake. How many pints of milk does the medium shake take?
4. What is the product of 73.5×11.46 ?
5. At a zoo, bears are fed 0.3 bucket of fish every day. The seals are fed 0.65 that amount. How much of a bucket of fish are the seals fed?
6. Harry ordered 7.0 pizzas. Each pizza costs \$11.95. How much does he need to pay?
7. A bottle of soda had 2.41 of the recommended amount of sugar. If Peter drinks 0.8 of the bottle, how much of the recommended amount sugar Peter must have drunk?
8. Katy earns \$7.40 per hour at her baby-sitting job. On Saturday, she worked 5.25 hours. What were Katy's total earnings for the day?
9. Charles earns \$9.50 per hour at his part-time job. On Sunday, he worked 6.5 hours. What were his total earnings for the day?
10. What is the product of 124.6×63.56 ?



Solutions: Worksheet 9.3

1. 12.96 miles
2. 0.252 bucket
3. 0.54 pint
4. 842.31
5. 0.195 bucket
6. \$83.65
7. 1.928 times recommended sugar
8. \$38.85
9. \$61.75
10. 7919.576

