

Word problem with multiple decimal operations: Problem type 2: Worksheet 20.1

Name Date Score

1. Mike bought 4 CDs that were each the same price including tax. He paid a total of \$62.80. Each CD had a tax of \$0.50. What was the price of each CD before tax?
2. Martin bought 8.6 kg of sugar. He poured the sugar equally into 5 bottles. There was 0.35 kg of sugar left over. What was the weight of sugar in 1 bottle?
3. A papaya is half a kilogram heavier than $\frac{1}{3}$ times the weight of a watermelon. If the watermelon has a weight of 4.2 kg, what is the weight of the papaya?
4. A carton containing 12 tins of powdered milk weighs 7.75 kg including its own weight of 0.25 kg. What is the weight of each tin of powdered milk?
5. Ms. Naomi charges her students \$27 per hour plus a recital fees of \$50. Each lesson is an hour. How many lessons did the student take if she pays \$185?
6. If the division of p by 12.4 gives a quotient of 9.8 and remainder 5, find p .
7. Arnold pays for his new car in 36 monthly payments. If his car costs \$20,061.64 and he makes a down payment of \$1000, how much will Arnold pay each month?
8. A store owner has 61.8 lbs. of candy. If he puts the candy into 8 jars equally and has leftover 4.2 lbs. of candy, how much candy will each jar contain?
9. Sheena paid \$35 to buy 8 hot dogs and got back change of \$4.44. How much did each hot dog cost?
10. Katy split a rope that was 65.2 inches into 5 equal parts and a leftover 4-inch piece. What is the length of each part?



Solutions: Worksheet 20.1

1. \$15.20
2. 1.65 Kg
3. 1.9 Kg
4. 0.625 kg
5. 5 lessons
6. 126.52
7. \$529.49
8. 7.2 lbs.
9. \$3.82
10. 12.24 inches

