

Word problem with multiple decimal operations: Problem type 2: Worksheet 20.2

Name Date Score

1. Ms. Martina charges her students \$26 per hour plus a recital fees of \$30. Each lesson is an hour. How many lessons did the student take if she pays \$186?
2. Jack bought 9.6 kg of sugar. He poured the sugar equally into 5 bottles. There was 0.45 kg of sugar left over. What was the weight of sugar in 1 bottle?
3. A papaya is 0.6 Kg heavier than $\frac{1}{4}$ th the weight of a water melon. If the watermelon has a weight of 4.8 kg, what is the weight of the papaya?
4. A carton containing 12 tins of powdered milk weighs 7.5 kg including its own weight of 0.3 kg. What is the weight of each tin of powdered milk?
5. Mike bought 5 CDs that were each the same price including tax. He paid a total of \$62.75. Each CD had a tax of \$0.40. What was the price of each CD before tax?
6. If the division of p by 13.6 gives a quotient of 10.2 and remainder 8, find p.
7. Arnold pays for his new car in 36 monthly payments. If his car costs \$20,097.64, 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 9 jars equally and has leftover 4.2 lbs. of candy, how much candy will each jar contain?
9. Sheena paid \$40 to buy 9 hot dogs and got back change of \$6.52. How much did each hot dog cost?
10. Katy split a rope that was 80 inches into 6 equal parts and a leftover 4.4-inch piece. What is the length of each part?



Solutions: Worksheet 20.2

1. 6 lessons
2. 1.83 Kg
3. 1.8 Kg
4. 0.6 Kg
5. \$12.15
6. 146.72
7. \$530.49
8. 6.4 lbs.
9. \$3.72
10. 12.6 inches

