

Word problem with multiplication of a decimal and a whole number: Worksheet 8.2

Name Date Score

1. The weight of a tin of powdered milk is 0.625 kg. If a carton contains 12 such tins, find the total weight of powdered milk in the carton.
2. The watermelon bought by John is 3 times as heavy as the papaya bought by Jack. If the papaya bought by Jack has a weight of 1.9 kg, what is the weight of the watermelon?
3. The weight of a jar of sweets is 1.6 kg. What is the total weight of 8 such jars of sweets?
4. Marcos bought sugar and poured it into 5 bottles at the rate of 1.62 kg per jar. What was the mass of sugar bought by Marcos?
5. Julia has 6 pieces of string, each 1.37 m long. What is the total length of pieces of string?
6. A store owner puts candy into 8 jars at the rate of 1.12 pounds in each jar. How many pounds of candy did he put in the jars?
7. Jackie pays for his new car in 24 monthly payments of \$795 each. How much will Jackie pay for the car in total?
8. A student earns \$12.75 per hour for gardening. If he worked 22 hours this month, then how much did he earn?
9. Phil's car gets 27.8 miles per gallon on the highway. If he used 14 gallons of fuel, how far did he travel?
10. A member of the school track team ran 2.81 miles per day in practice over 59 days. How many miles did he run in total?



Solutions: Worksheet 8.2

1. 7.5 Kg
2. 5.7 Kg
3. 12.8 Kg
4. 8.1 Kg
5. 8.22 m
6. 8.96 pounds
7. \$19,080
8. \$280.5
9. 389.2 miles
10. 165.79 miles

