



Multiplying Decimals

Name: _____

Solve each problem.

Ex) Amy collected 2 times as many bags of cans as her friend. If her friend collected 0.6 of a bag, how much did Amy collect?

- 1) A bag of pistachios is 3.68 grams. If you have 0.4 of a bag, how many grams does it weigh?
- 2) A baby frog weighed 2.29 grams. After a month it was 2.4 times as heavy, how much did the frog weigh after a month?
- 3) An old wooden post was 2.30 meters long. If you were to cut off 0.3 of it, how much would you have cut off?
- 4) An industrial dishwasher takes 2.60 liters of water to wash a full load of dishes. If you were to wash 4 full loads, how much water would you use?
- 5) Will ran 4 miles on his first day of training. The next day he ran 0.5 that distance. How far did he run the second day?
- 6) A glass of lemonade took 4.5 scoops of sugar to make. If you wanted to make 2 glasses, how many scoops of sugar would you need?
- 7) A bottle of sugar syrup soda had 2.71 grams of sugar in it. If Will drank 2.28 bottles, how many grams of sugar did he drink?
- 8) For Halloween 0.3 of the candy sold was chocolate. Of the chocolate candy sold 0.2 was made by Nestle. What amount of all the candy sold was chocolate and made by Nestle?
- 9) A bakery used 2 cups of flour to make a full size cake. If they wanted to make a cake that was 0.1 the size, how many cups of flour would they need?
- 10) A box of markers weighed 3.3 kilograms. If a teacher took out 0.15 of the markers, what is the weight of the markers she took out?

Answers

Ex. **1.2**

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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AnswersEx. **1.2****1.472****5.496****0.69****10.4****2.****9.****6.1788****0.06****0.2****0.495**