Multiplying Decimals

Name:

Solve each problem.

Ex) An air freshener used 2.88 milliliters of perfume. If Faye wanted to make 3 air fresheners, how many milliliters of perfume would she use?

1) A glass of lemonade took 3.6 scoops of sugar to make. If you wanted to make 4 glasses, how many scoops of sugar would you need?

2) A bag of pistachios is 3.07 grams. If you have 0.7 of a bag, how many grams does it weigh?

3) A bag of strawberry candy takes 3.9 ounces of strawberries to make. If you have 2.32 bags, how many ounces of strawberries did it take to make them?

4) A farmer gives each of his horses 0.37 of a salt lick a month. If he has 2 horses, how many salt licks does he use a month?

5) On Monday Tom picked up 0.3 of a kilogram of cans to recycle. On Tuesday he picked up 0.2 that amount. How much did Tom pick up on Tuesday?

6) A bowl of cereal had 2.46 grams of sugar in it. If Tom ate 3 bowls a week, how many grams of sugar would he have eaten?

7) After a dinner party there was 0.42 of a pot of stew leftover. If the Tom gave 0.8 of the leftover to Faye, how much of the original pot did he give to her?

8) Faye bought a bunch of packages of gum at the gas station and ate 0.15 of a package each week. How much would she have eaten after 3 weeks?

9) Faye had a piece of thread exactly 4.56 yards long. After doing some sewing, she had 0.7 the original amount left. How much does she have left?

10) Tom had a bucket that was 0.4 full of apples. He ended up throwing out 0.29 of them though because they were bad. Out of the total amount Tom had how many of them were bad?

Answers

Ex. 8.64

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

1-10	90	80	70	60	50	40	30	20	10	0

Multiplying Decimals

Name: **Answer Key**

Solve each problem.

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Answers

Ex.	8.64
1.	14.4
2.	2.149
3.	9.048
4.	0.74
5.	0.06
6.	7.38
7.	0.336
8.	0.45
9.	3.192
10.	0.116

1-10	90	80	70	60	50	40	30	20	10	0