Multiplying Decimals

Name:

Solve each problem.

Ex) On Monday Cody picked up 0.69 of a kilogram of cans to recycle. On Tuesday he picked up 0.9 that amount. How much did Cody pick up on Tuesday?

Ex. _____**0.621**_____

1) Tiffany can read 2.77 pages of a book in a minute. If she read for 4.17 minutes, how much would she have read?

1. _____

2. _____

2) A batch of fried chicken required 3.4 liters of oil. If a fast food restaurant was making 2.63 batches, how much oil would they need?

3. _____

4. _____

3) Tiffany collected 2 times as many bags of cans as her friend. If her friend collected 0.79 of a bag, how much did Tiffany collect?

5. _____

6. _____

4) At the animal shelter 0.51 of the animals are cats. Of the cats 0.8 are male. What amount of the animals at the shelter are male cats?

7. _____

8. _____

5) A box of markers weighed 2.7 kilograms. If a teacher took out 0.1 of the markers, what is the weight of the markers she took out?

9. _____

10. _____

6) Tiffany needed 0.6 of a cup of water for her plant. If she had 2 plants how many cups would she need?

7) A bakery used 2 cups of flour to make a full size cake. If they wanted to make a cake that was 0.6 the size, how many cups of flour would they need?

8) A bowl of cereal had 3.06 grams of sugar in it. If Cody ate 4 bowls a week, how many grams of sugar would he have eaten?

9) An adult turtle weighed 2.4 grams. How much would 3 adult turtles weigh?

10) An air freshener used 4.51 milliliters of perfume. If Tiffany wanted to make 4 air fresheners, how many milliliters of perfume would she use?

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

Math

Name:

Solve each problem.

	Answers

Ex) On Monday Cody picked up 0.69 of a kilogram of cans to recycle. On Tuesday he picked up 0.9 that amount. How much did Cody pick up on Tuesday?

Ex. **0.621**

1) Tiffany can read 2.77 pages of a book in a minute. If she read for 4.17 minutes, how much would she have read?

1. **11.5509**

2) A batch of fried chicken required 3.4 liters of oil. If a fast food restaurant was making 2.63 batches, how much oil would they need?

2. **8.942**

3. **1.58**

3) Tiffany collected 2 times as many bags of cans as her friend. If her friend collected 0.79 of a bag, how much did Tiffany collect?

4. **0.408**

5. **0.27**

4) At the animal shelter 0.51 of the animals are cats. Of the cats 0.8 are male. What amount of the animals at the shelter are male cats?

6. **1.2**

7. **1.2**

5) A box of markers weighed 2.7 kilograms. If a teacher took out 0.1 of the markers, what is the weight of the markers she took out?

8. **12.24**

9. **7.2**

10. **18.04**

6) Tiffany needed 0.6 of a cup of water for her plant. If she had 2 plants how many cups would she need?

7) A bakery used 2 cups of flour to make a full size cake. If they wanted to make a cake that was 0.6 the size, how many cups of flour would they need?

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