



## Multiplying Decimals

Name: \_\_\_\_\_

Solve each problem.

Ex) A full container of industrial cleaning solution had 2.93 liters of liquid. If the container was only 0.68 full, how many liters are in there?

## Answers

1.9924

- 1) A batch of donuts required 2.9 pints of glaze. If a donut store was making 0.32 of a batch, how much glaze would they need?
- 2) Janet bought a bunch of packages of gum at the gas station and ate 0.5 of a package each week. How much would she have eaten after 2 weeks?
- 3) At the animal shelter 0.4 of the animals are cats. Of the cats 0.5 are male. What amount of the animals at the shelter are male cats?
- 4) A baby frog weighed 4.1 grams. After a month it was 4.6 times as heavy, how much did the frog weigh after a month?
- 5) A musician's hair was originally 2 centimeters long. She asked her hair dresser to cut 0.7 of it off. How many centimeters did she have cut off?
- 6) A bag of strawberry candy takes 2.12 ounces of strawberries to make. If you have 3.56 bags, how many ounces of strawberries did it take to make them?
- 7) On Monday Cody picked up 0.90 of a kilogram of cans to recycle. On Tuesday he picked up 0.2 that amount. How much did Cody pick up on Tuesday?
- 8) At the zoo the polar bears are fed 0.14 bucket of fish a day. The penguins are fed 0.3 that amount. How much of a bucket are the penguins fed?
- 9) A farmer gives each of his horses 0.56 of a salt lick a month. If he has 3 horses, how many salt licks does he use a month?
- 10) A box of pencils weighed 2.3 grams. If a principal ordered 2 boxes, how much would they weigh?

Ex. \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

**Solve each problem.**

**Ex)** A full container of industrial cleaning solution had 2.93 liters of liquid. If the container was only 0.68 full, how many liters are in there?

**Answers****1.9924**

**1)** A batch of donuts required 2.9 pints of glaze. If a donut store was making 0.32 of a batch, how much glaze would they need?

**0.928**

**2)** Janet bought a bunch of packages of gum at the gas station and ate 0.5 of a package each week. How much would she have eaten after 2 weeks?

**1.**

**3)** At the animal shelter 0.4 of the animals are cats. Of the cats 0.5 are male. What amount of the animals at the shelter are male cats?

**0.2**

**4)** A baby frog weighed 4.1 grams. After a month it was 4.6 times as heavy, how much did the frog weigh after a month?

**18.86**

**5)** A musician's hair was originally 2 centimeters long. She asked her hair dresser to cut 0.7 of it off. How many centimeters did she have cut off?

**7.5472**

**6)** A bag of strawberry candy takes 2.12 ounces of strawberries to make. If you have 3.56 bags, how many ounces of strawberries did it take to make them?

**0.18**

**7)** On Monday Cody picked up 0.90 of a kilogram of cans to recycle. On Tuesday he picked up 0.2 that amount. How much did Cody pick up on Tuesday?

**0.042**

**8)** At the zoo the polar bears are fed 0.14 bucket of fish a day. The penguins are fed 0.3 that amount. How much of a bucket are the penguins fed?

**1.68**

**9)** A farmer gives each of his horses 0.56 of a salt lick a month. If he has 3 horses, how many salt licks does he use a month?

**4.6**

**10)** A box of pencils weighed 2.3 grams. If a principal ordered 2 boxes, how much would they weigh?