



## Multiplying Decimals

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

Solve each problem.

Ex) A full tub of water weighed 4.50 kilograms. If the tub were filled up only 0.6 full, how much would it weigh?

1) A batch of donuts required 3.4 pints of glaze. If a donut store was making 0.9 of a batch, how much glaze would they need?

2) For Halloween 0.4 of the candy sold was chocolate. Of the chocolate candy sold 0.26 was made by Nestle. What amount of all the candy sold was chocolate and made by Nestle?

3) A box of pencils weighed 4.9 grams. If a principal ordered 4 boxes, how much would they weigh?

4) After a dinner party there was 0.42 of a pot of stew leftover. If the Henry gave 0.23 of the leftover to Tiffany, how much of the original pot did he give to her?

5) A glass of lemonade took 4.8 scoops of sugar to make. If you wanted to make 2 glasses, how many scoops of sugar would you need?

6) A full package of paper weighs 4.33 kilograms. If Henry put 4.7 packages of paper on a scale, how much would they weigh?

7) A musician's hair was originally 4 centimeters long. She asked her hair dresser to cut 0.30 of it off. How many centimeters did she have cut off?

8) Each day a carwash used 2.3 liters of soap. After 2 days, how much soap would they have used?

9) A bag of strawberry candy takes 4.66 ounces of strawberries to make. If you have 4.9 bags, how many ounces of strawberries did it take to make them?

10) A bottle of home-made cleaning solution took 4.54 milliliters of lemon juice. If Tiffany made 3.5 bottles, how many milliliters of lemon juice did she use?

## Answers

2.7

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

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

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

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

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

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

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

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

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

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

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



## Multiplying Decimals

Name: **Answer Key**

Solve each problem.

Ex) A full tub of water weighed 4.50 kilograms. If the tub were filled up only 0.6 full, how much would it weigh?

**Answers**

**2.7**

1) A batch of donuts required 3.4 pints of glaze. If a donut store was making 0.9 of a batch, how much glaze would they need?

**3.06**

2) For Halloween 0.4 of the candy sold was chocolate. Of the chocolate candy sold 0.26 was made by Nestle. What amount of all the candy sold was chocolate and made by Nestle?

**0.104**

3) A box of pencils weighed 4.9 grams. If a principal ordered 4 boxes, how much would they weigh?

**19.6**

4) After a dinner party there was 0.42 of a pot of stew leftover. If the Henry gave 0.23 of the leftover to Tiffany, how much of the original pot did he give to her?

**0.0966**

5) A glass of lemonade took 4.8 scoops of sugar to make. If you wanted to make 2 glasses, how many scoops of sugar would you need?

**9.6**

6) A full package of paper weighs 4.33 kilograms. If Henry put 4.7 packages of paper on a scale, how much would they weigh?

**20.351**

7) A musician's hair was originally 4 centimeters long. She asked her hair dresser to cut 0.30 of it off. How many centimeters did she have cut off?

**1.2**

8) Each day a carwash used 2.3 liters of soap. After 2 days, how much soap would they have used?

**4.6**

9) A bag of strawberry candy takes 4.66 ounces of strawberries to make. If you have 4.9 bags, how many ounces of strawberries did it take to make them?

**22.834**

10) A bottle of home-made cleaning solution took 4.54 milliliters of lemon juice. If Tiffany made 3.5 bottles, how many milliliters of lemon juice did she use?

**15.89**