



Multiplying Decimals

Name: _____

Solve each problem.

Ex) An adult turtle weighed 3.7 grams. How much would 2 adult turtles weigh?

Answers

7.4

- 1) A bag of strawberry candy takes 4.34 ounces of strawberries to make. If you have 3.16 bags, how many ounces of strawberries did it take to make them?
- 2) At the animal shelter 0.48 of the animals are cats. Of the cats 0.17 are male. What amount of the animals at the shelter are male cats?
- 3) A water pitcher could hold 0.24 of a gallon of water. If Frank filled up 2 pitchers, how much water would he have?
- 4) A geologist had two rocks on a scale that weighed 2.73 kilograms together. Rock A was 0.3 of the total weight. How much did rock A weigh?
- 5) On Monday Frank picked up 0.52 of a kilogram of cans to recycle. On Tuesday he picked up 0.1 that amount. How much did Frank pick up on Tuesday?
- 6) An industrial dishwasher takes 3.7 liters of water to wash a full load of dishes. If you were to wash 4 full loads, how much water would you use?
- 7) An old wooden post was 3.5 meters long. If you were to cut off 0.04 of it, how much would you have cut off?
- 8) After a dinner party there was 0.79 of a pot of stew leftover. If the Frank gave 0.8 of the leftover to Vanessa, how much of the original pot did he give to her?
- 9) A jogging path was 2.33 meters. If Frank ran around the path 2.88 times, how many meters total did he run?
- 10) When Vanessa charges her 3DS fully it lasts for 2 hours. If she only charged it 0.8 full, how long would it last?

Ex. _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Multiplying Decimals

Name: **Answer Key**

Solve each problem.

Ex) An adult turtle weighed 3.7 grams. How much would 2 adult turtles weigh?

Answers

7.4

1) A bag of strawberry candy takes 4.34 ounces of strawberries to make. If you have 3.16 bags, how many ounces of strawberries did it take to make them?

13.7144

2) At the animal shelter 0.48 of the animals are cats. Of the cats 0.17 are male. What amount of the animals at the shelter are male cats?

0.0816

3) A water pitcher could hold 0.24 of a gallon of water. If Frank filled up 2 pitchers, how much water would he have?

0.48

4) A geologist had two rocks on a scale that weighed 2.73 kilograms together. Rock A was 0.3 of the total weight. How much did rock A weigh?

0.819

5) On Monday Frank picked up 0.52 of a kilogram of cans to recycle. On Tuesday he picked up 0.1 that amount. How much did Frank pick up on Tuesday?

0.052

6) An industrial dishwasher takes 3.7 liters of water to wash a full load of dishes. If you were to wash 4 full loads, how much water would you use?

14.8

7) An old wooden post was 3.5 meters long. If you were to cut off 0.04 of it, how much would you have cut off?

0.14

8) After a dinner party there was 0.79 of a pot of stew leftover. If the Frank gave 0.8 of the leftover to Vanessa, how much of the original pot did he give to her?

0.632

9) A jogging path was 2.33 meters. If Frank ran around the path 2.88 times, how many meters total did he run?

6.7104

10) When Vanessa charges her 3DS fully it lasts for 2 hours. If she only charged it 0.8 full, how long would it last?

1.6