



Multiplying Decimals

Name: _____

Solve each problem.

Ex) On Monday John picked up 0.47 of a kilogram of cans to recycle. On Tuesday he picked up 0.9 that amount. How much did John pick up on Tuesday?

Answers

0.423

1) On Halloween 3 friends each received 0.3 of a pound of candy. How much candy did they receive total?

Ex. _____

1. _____

2) Lana can type 4.5 sentences per minute. If she typed for 4 minutes, how much would she have typed?

2. _____

3. _____

3) A geologist had two rocks on a scale that weighed 4.2 kilograms together. Rock A was 0.2 of the total weight. How much did rock A weigh?

4. _____

4) John had a lump of silly putty that was 4.9 centimeters long. If he stretched it out to 2.84 times its current length how long would it be?

5. _____

6. _____

5) A farmer gives each of his horses 0.9 of a salt lick a month. If he has 3 horses, how many salt licks does he use a month?

7. _____

8. _____

6) A restaurant used 3 kilograms of potatoes during a lunch rush. If they used 0.28 as much beef, how many kilograms of beef did they use?

9. _____

10. _____

7) An old road was 3.57 miles long. After a renovation it was 4.53 times as long. How long was the road after the renovation?

8) A box of pencils weighed 4.81 grams. If a principal ordered 4 boxes, how much would they weigh?

9) A bottle of soda had 2.50 of the daily recommended sugar. If you were to drink 0.22 of the bottle, how much of the daily recommended sugar would you have drank?

10) For a party John bought cupcakes with 0.03 being chocolate. Of the chocolate cupcakes 0.5 of them had sprinkles. What amount of the total cupcakes bought were chocolate with sprinkles?



Multiplying Decimals

Name: **Answer Key**

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Answers

Ex. **0.423**

1. 0.9

2. 18.

3. 0.84

4. 13.916

5. 2.7

6. 0.84

7. 16.1721

8. 19.24

9. 0.55

10. 0.015

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