



Solve each problem.

**Answers**

- Ex) A geologist had two rocks on a scale that weighed 2.37 kilograms together. Rock A was 0.81 of the total weight. How much did rock A weigh?
- 1) A box of pencils weighed 3.8 grams. If a principal ordered 2 boxes, how much would they weigh?
- 2) Gwen needed a piece of string to be exactly 2.4 meters long. If the string she has is 3.15 times as long as it should be, how long is the string?
- 3) A full tub of water weighed 3.8 kilograms. If the tub were filled up only 0.08 full, how much would it weigh?
- 4) Gwen made spicy and regular chili for the chili cook-off. She made enough spicy to fill up 0.31 of a pot. If she made 4 times as much regular chili, how many pots of regular did she have?
- 5) Henry had a lump of silly putty that was 3.87 centimeters long. If he stretched it out to 4.84 times its current length how long would it be?
- 6) A country road was 2.89 miles long. If 0.20 of it was paved with cement how long was the paved part?
- 7) At the malt shop a large chocolate shake takes 0.8 of a pint of milk. If the medium shake takes 0.48 the amount of a large, how much does the medium shake take?
- 8) Gwen collected 3 times as many bags of cans as her friend. If her friend collected 0.6 of a bag, how much did Gwen collect?
- 9) A chef cooked 2 kilograms of mashed potatoes for a dinner party. If the guests only ate 0.6 of the amount he cooked, how much did they eat?
- 10) A jogging path was 4.2 meters. If Henry ran around the path 2.2 times, how many meters total did he run?

Ex. 1.9197

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

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

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

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- Ex. 1.9197
1. 7.6
2. 7.56
3. 0.304
4. 1.24
5. 18.7308
6. 0.578
7. 0.384
8. 1.8
9. 1.2
10. 9.24