



**Solve each problem.**

**Answers**

- Ex) An old road was 3.1 miles long. After a renovation it was 3.8 times as long. How long was the road after the renovation?
  
- 1) Each day a carwash used 3.98 liters of soap. After 3 days, how much soap would they have used?
  
- 2) When Debby charges her 3DS fully it lasts for 3 hours. If she only charged it 0.52 full, how long would it last?
  
- 3) For a party Victor bought cupcakes with 0.2 being chocolate. Of the chocolate cupcakes 0.87 of them had sprinkles. What amount of the total cupcakes bought were chocolate with sprinkles?
  
- 4) A soda shop owner told his employee to add 2.8 cups of syrup to each liter of soda. If there were 4 liters of soda, how much syrup would be needed?
  
- 5) On Monday Victor picked up 0.88 of a kilogram of cans to recycle. On Tuesday he picked up 0.9 that amount. How much did Victor pick up on Tuesday?
  
- 6) A musician's hair was originally 2 centimeters long. She asked her hair dresser to cut 0.91 of it off. How many centimeters did she have cut off?
  
- 7) A full container of industrial cleaning solution had 3.46 liters of liquid. If the container was only 0.52 full, how many liters are in there?
  
- 8) A bag of pistachios is 4.79 grams. If you have 0.56 of a bag, how many grams does it weigh?
  
- 9) A single box of thumb tacks weighed 3.6 grams. If a teacher had 2.62 boxes, how much would their combined weight be?
  
- 10) A batch of donuts required 4.27 pints of glaze. If a donut store was making 0.8 of a batch, how much glaze would they need?

- Ex. **11.78**
- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_



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**Answers**

- Ex. 11.78
1. 11.94
2. 1.56
3. 0.174
4. 11.2
5. 0.792
6. 1.82
7. 1.7992
8. 2.6824
9. 9.432
10. 3.416