

Name \_\_\_\_\_

Date \_\_\_\_\_

## Intermediate Basic Word Problems 1

1. Bill sold 2 used books for \$452 each. However, the cost of each book was different. As a result a profit of 22% was made on the first book sold, but a loss of 22% was made on the second sale. What is Bill's total profit or loss on both books?
  
2. A school uniform can be created with  $\frac{4}{5}$  yards of material. How many uniforms can be created if you have 22 yards of material?
  
3. At the baseball game, you saw Jane. Jane told you that he made \$52.09 at the last game selling a total of 31 items consisting of soda or popcorn. If Jane makes \$1 selling popcorn and \$2.11 selling soda, how many items of popcorn was sold?
  
4. A large juice jug holds the equivalent of 10 drinking cups; four jugs hold 189 ounces more than 13 drinking cups. How many ounces does a cup hold?
  
5. An Internet company went out of business and was forced to pay all of its cash to its creditors. It could only pay \$0.447 for every dollar it owes. However, if it is allowed to sell the customer database for \$735 it could pay \$0.482 for every dollar owed. What is the total amount the company owes if it had to pay the full amount?

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6. Brad sold two-thirds of his candy bars for 6 cents each. He has 15 left for sale in his store. How much money does Brad have from those bars already sold?

7. Amy and Jane have 27 coins. Jane and Greg have 24 coins. Amy and Greg have 23 coins. How many coins does Jane have?

8. A person calls you on the phone and offers you a deal you cannot refuse. If you switch to Nice Boy Long Distance you will only have to pay 6 cents per minute, but this offer requires you to pay a fixed monthly fee of \$7.27 in addition to per minute charges. Currently you pay 15 cents per minute with no additional monthly fee. How many minutes do you need to talk on the phone, for this offer to be worth switching to?

9. Paul has three times more money invested at 8% than in another bank where 10% is earned for the year. If Paul earned \$4760 in interest for the year, how much does Paul have invested at 8% ?

10. You purchased one pound of coffee for \$20. At what price do you need to mark the coffee for sale in your coffee shop, if you wish to offer a 22% discount to your customers, but you need to earn a 39% profit on the original cost?