

## Math 221 - Addition and Subtraction Models Worksheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Instructions: Determine which models you should use for each situation. Carefully justify your answer, preferably with a picture that would be usable in an elementary school classroom when possible. There is a correct answer for each problem, but some problems may have other answers counted correct if explained appropriately to the question.

1. Nick and his friends ate 285 M&Ms from a bowl containing 546 M&Ms. How many more M&Ms do they need to eat in order to eat them all?
  
  
  
  
  
  
  
  
  
  
2. Latoya goes on a two hour shopping spree and spends \$1500 in two hours. If she spent \$685 in the second hour, how much did she spend during the first hour?
  
  
  
  
  
  
  
  
  
  
3. Jennas cookie jar had 16 cookies in it. She baked 24 more cookies. When they cooled, she added them to the cookie jar. What is the new total number of cookies in Jennas cookie jar?
  
  
  
  
  
  
  
  
  
  
4. James bought a new camera. He took pictures of birds and squirrels at the park. He took 63 pictures of birds and 24 pictures of squirrels. How many pictures did he take in all?

5. Bob has 1,297 football cards. Sammy has 1,488. How many more cards does Sammy have than Bob?
6. Justin read 51 pages of his book on Monday. On Tuesday, he read 38 more pages. How many pages did he read on both days combined?
7. A cashier at a grocery store tells her customer that his total is \$25.89. The customer gives the cashier \$4.00 in cash and has to pay the rest on a debit card. How much money does the customer pay on his debit card?
8. Karen and Josh were picking strawberries. Karen picked 226 strawberries. Josh picked 193 strawberries. How many strawberries did they pick altogether?