

### Word Problems Math Poker

**Directions:** Please show work in your notebook. Use pages 30- 32.

Objective: Review for test (Friday, 9/25)

- 1.) The sum of three numbers is 61. The second number is 5 times the first, while the third is 2 less than the first. Find the numbers.
  
- 2.) Find three consecutive odd integers such that twice the smallest is 3 more than the greatest integer.
  
- 3.) Tyler has \$3.10 consisting of quarters, dimes, and nickels. He has twice as many quarters as dimes and 3 more dimes than nickels. Find the number of each kind of coin.
  
- 4.) The perimeter of a rectangular parking lot is 146 meters. Find the dimensions of the lot if the length is 7 meters less than 4 times the width.
  
- 5.) The larger of two numbers is 1 less than 8 times the smaller. Their sum is 179. Find the numbers.
  
- 6.) The length of a rectangle is 3 times the width. If the length is decreased by 4 cm and the width is increased by 1 cm, the perimeter will be 66 cm. Find the dimensions of the original rectangle.
  
- 7.) A vending machine that takes only dimes and quarters contains 30 coins, with a total value of \$4.20. How many of each coin are there?
  
- 8.) Alyssa has \$1.30 consisting of nickels, dimes, and quarters in a jar. There are 4 more dimes than quarters and twice as many nickels as quarters. How many of each coin are in the jar?
  
- 9.) Emily is 3 times as old as Augustus. In four years, Emily will be twice as old as he will be. How old is each now?
  
- 10.) Colleen is 14 years younger than Jason. Ten years ago, Jason was 3 times as old as Colleen was then. How old is each now?
  
- 11.) The sum of Andrea and her father's is 50 years. Eight years from now, Andrea's Father will be twice as old as Andrea will be then. Find the present age of each.