6.1 Systems of Equations Word Problems

Name _____
Due Date _____ Period ____

Problem	Word Problem-**highlight key info**	**Variable 1** **Variable 2**	**Equation 1** **Equation 2**
1	The cost of a buffet dinner for a family of ten was $68. Adult meals cost $8 each and a child's meal costs $5. How many adults and how many children ate?		Solve:
Sentence:			
2	The next math test is worth 100 points and contains 32 problems. Each problem is worth either 3 points or 5 points. How many of each value questions are there?		Solve:
Sentence:			
3	Your family receives basic cable television and two movie channels for $47 a month. Your neighbor receives basic cable and six movie channels for $71. What is the monthly charge for basic cable and for each movie channel?		Solve:
Sentence:			

4	Tickets for a high school basketball playoff game are sold. Student tickets cost $3 and general admission tickets cost $7. Four hundred fifty-five tickets are sold for a total of $2245. How many of each type of ticket were sold?		Solve:
Sentence:			
5	You invited 168 people to your graduation party. You can afford to rent 16 tables, round and/or rectangular. Each round table can seat 8 people and each rectangular table can seat 12 people. How many round and rectangular tables should you rent?		Solve:
Sentence:			
6	Six hamburgers and six Cokes cost $60. Two hamburgers and three Cokes cost $32. How much does each cost?		Solve:
Sentence:			