**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ December 19, 2017**

**Kobrin/Losquadro Math 8**

**Systems of Equations Word Problems – Day 3**

1. A music store sold a told of 27 used trumpets and clarinets in one month. Trumpets cost $149 and clarinets cost $99. If total sales were $3223, how many clarinets did they sell?
2. Haley and Nicole stopped at the school bookstore for extra supplies. Haley bough 8 pencils and 3 folders and spent $10.39. Nicole bought 5 pencils and 4 folders and spent $10.51. How much does a folder cost?
3. The local bookstore is having a sale on used books. Nate bought 3 hardcover books and 7 paperback books and spent $29.50. Mia bought 2 hardcover books and 5 paperback books and spent $20.50. What is the cost of a hardcover book?
4. For a two-day rental at the surf shop, it cost $45 to rent a surf board and $60 to rent a paddle board. On a certain weekend, the surf shop rented 44 total surf boards and paddle boards and made $2265. How many paddle boards were rented?
5. For a school fundraiser, Troy sold 28 bags of popcorn and 40 candy bars and made $282. Jake sold 17 bags of popcorn and 20 candy bars and made $160.50. What was the cost of a bag of popcorn?
6. At a concession stand, 9 slices of pizza and 5 soft pretzels cost $33.25. If 4 slices of pizza and 6 soft pretzels cost $19.50, what is the cost of one soft pretzel and one slice of pizza?
7. A total of 210 people attended the opening night of a school musical. Student tickets cost $3 each while general admission tickets cost $7.50 each. If total sales were $1296, how many general admission tickets were sold?