

SYSTEMS OF EQUATIONS REVIEW SHEET ANSWERS

1.
 - a. $x = 2, y = 4$
 - b. $a = 1/2, b = 5/2$
 - c. $x = 29/14, y = 17/14$
 - d. $a = 3, b = -2$
 - e. infinite solutions such that $2x - 3y = 4$
 - f. $a = 8/5, b = -11/5$
 - g. no solution
2. 16 volleyballs
13 basketballs
3. \$3000 in each fund
4. 9 weeks
5. 18 years old
6. new DVD \$14.99
previously-viewed DVD \$11.99
7. Crazy Harry's is better if you rent more than 11 movies/year.