Units: Systems of Linear Equations Homework-

Name: Key Date: _______

Want to Rent a Movie?

You and your friend each purchased identical subscriptions to an online video rental site. When you joined, you each paid the one-time membership processing fee. You also paid a flat rate for each movie that you downloaded. By the end of the first month, you had downloaded 8 movies and paid \$16.50, while your friend had downloaded only 6 movies and paid \$14.00.

Write and solve a system of linear equations to answer the questions below. Document your

work to support your answer. (16.50 = 10.8) + 10.50 = 10.50

1. What was the one-time membership processing fee? \$6.50

2. What was the per-movie rental fee?

2 Hrace 5: intersect Enter (8X)