

Name \_\_\_\_\_

Date \_\_\_\_\_

**Inequality Constraint or Condition Word Problems - Matching Worksheet**

*HMWK*

Match the word problems with their correct equations.

\_\_\_\_\_ 1. In the beginning of the day Susan has \$200. She wants to have at least \$100 at the end of the day. She spends \$50 on each meal. Write an inequality that represents his situation.

a.  $100 + 8.50x \leq 260$

\_\_\_\_\_ 2. Keisha charges \$5.75 on a bunch of flowers, in addition to the \$1.20 per flower. Keisha has no more than \$8.00 to spend. Write an inequality that represents his situation.

b.  $200 - 50x \geq 100$

\_\_\_\_\_ 3. Patricia wants to order crock pots on the Internet. Each crock pot costs \$18 and shipping for the entire order is \$7.25. He has only \$30 to spend. Write an inequality that represents his situation.

c.  $x(500 + 200) \leq 1000$

\_\_\_\_\_ 4. For the surprise birthday party of his friend, Kiara has to spend \$260. The party area charges a \$100 and \$8.50 for each person. Write an inequality that represents his situation.

d.  $18x + 7.25 \leq 30$

\_\_\_\_\_ 5. For the tour, Diana's family can spend \$1000. The package of the entire tour is \$500 and food cost \$200. Write an inequality that represents his situation.

e.  $5.75 + 1.20x \leq 8$

