

Name \_\_\_\_\_

Date \_\_\_\_\_

### Word Problems Leading to Inequalities - Guided Lesson

Complete the following problems:

1) Mike has \$60 dollars to spend. He spent \$12.50 to buy a new juicer mixer. He needs to save \$20.00 for a CD player that he wants to buy. He wants to buy as many plates as he can. If plates cost \$2.50 each, what is the maximum number of plates that Mike can buy?



2) Solve  $-0.6x - 6 > -8.6$  and graph the solution on a number line.

3) Kimberly has \$80. She wants to purchase a school bag for \$16 and as many pairs of shoes as she can. Each pair of shoes is \$8. Write an inequality for the number of school shoes she can purchase.

