**Algebra**

**Unit 2 Line Master 2a**

 Reading and Solving Equations

1. Fill in the blanks to describe the meaning of each equation
 in words.

 a) 5*x* + (–7) = 8

 When you multiply a number by \_\_\_\_\_\_\_ and add \_\_\_\_\_\_\_,
 the result is equal to \_\_\_\_\_\_.

 b) 8.5*x* + (–48) = 54

 When you multiply a number by \_\_\_\_\_\_ and add \_\_\_\_\_\_\_,
 the result is equal to \_\_\_\_\_\_\_\_ .

 c) 20.8 – 6.8 = 7*x* – 3.5*x*

 When you take away \_\_\_\_\_\_ from \_\_\_\_\_\_\_, the result is equal
 to the result when you subtract \_\_\_\_\_\_\_ times a number from
 \_\_\_\_\_\_\_ times the same number.

 d) 3*x* – 6 = 10 – *x*

 When you mutliply a number by \_\_\_\_\_\_ and subtract \_\_\_\_\_\_\_,
 the result is equal to the result when you subtract the same
 number from \_\_\_\_\_\_\_.

**Algebra**

**Unit 2 Line Master 2b**

 Reading and Solving Equations (cont’d)

e) + 4.5 = 3

 When you divide a number by \_\_\_\_\_\_\_ and add \_\_\_\_\_\_\_,
 the result is equal to \_\_\_\_\_\_ .

 f) 96*x* – 250 = 230

 When you multiply a number by \_\_\_\_\_\_ and subtract \_\_\_\_\_\_\_,
 the result is equal to \_\_\_\_\_\_\_\_ .

2. Choose 3 equations from Question 1 and solve them using
 algebra tiles or flow charts.
 How did you choose the equations and decide which solution
 strategy to use?