

Name: \_\_\_\_\_

Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Learning to Solve for a Variable in Terms of Other Variables

**Section I. Use the first problem in the row, to help you determine how to solve for that variable in other problems in the row.**

1. *Solve for n:*    a)  $3n = 5$             b)  $mn = 5$             c)  $mn = p$

2. *Solve for x:*    a)  $x - 4 = 10$             b)  $x - y = 10$             c)  $x - y = z$

3. *Solve for j:*    a)  $2j + 5 = 17$             b)  $2j + k = 17$             c)  $hj + k = 17$             d)  $hj + k = m$

4. *Solve for t:*    a)  $75 = 25t$             b)  $75 = rt$             c)  $D = rt$

5. *Solve for h:*    a)  $80 = 10h$             b)  $80 = b \cdot h$             c)  $A = b \cdot h$

6. *Solve for r:*    a)  $50 = 200r \cdot 5$             b)  $50 = 200r \cdot t$             c)  $50 = Prt$             d)  $I = Prt$