

# ARRANGED HOUR FOR MATH 50

**Math 50 – Section 8.3**  
Solving Linear Equations

Name \_\_\_\_\_  
Instructor \_\_\_\_\_  
Date \_\_\_\_\_

1. Simplify the expression or solve the equation, as appropriate (show your work in the space provided).

a.  $2(x+3)=5x-3$  \_\_\_\_\_

b.  $\frac{x}{2}-\frac{3}{4}=\frac{1}{2}$  \_\_\_\_\_

c.  $\frac{5}{6}k=\frac{3}{4}k+\frac{1}{2}$  \_\_\_\_\_

d.  $5x-4-3x+16$  \_\_\_\_\_

e.  $\frac{2x}{3}-\frac{5x}{2}-1$  \_\_\_\_\_

