

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

# EQUATIONS WITH VARIABLES ON BOTH SIDES

## Worksheet

Solve the problems below. Show all work.

A.  $2.5x + 3.7 = 1.4x + 8.2$

B.  $4.6x - 1.3 = 2.1x + 5.9$

C.  $0.8x - 1.2 = 2.6 + 3.4x$

D.  $0.7 + 1.3x = 2.8x - 3.5$

E.  $1.5(2x + 0.3) = 2.1(0.8x - 1.4)$

F.  $\frac{1}{3}x + \frac{2}{9} = \frac{2}{3}x + \frac{1}{9}$

# EQUATIONS WITH VARIABLES ON BOTH SIDES

## Worksheet

Solve the problems below. Show all work.

G.  $2.2x - 0.5 = 1.4x + 3.1$

H.  $1.2(5x - 0.7) = 2.5(2x + 1.5)$

J.  $\frac{3}{4}x - \frac{1}{2} = \frac{1}{4}x + \frac{1}{8}$

K.  $-1.6 + 1.2x = 0.7x + 4.2$

L.  $0.6x + 1.2 = -3.1 + 2.3x$

M.  $0.8(-1.5 + 4x) = 1.2(0.5 + 2x)$