

SOLVING LINEAR SYSTEMS USING THE SUBSTITUTION METHOD (STEP 1)

Solve for x for the following linear systems:

a) $y = x + 1$
 $y = -x + 3$

b) $y = 2x - 12$
 $y = -2x + 8$

c) $y = 3x - 13$
 $y = -3x + 5$

d) $y = 3x - 19$
 $y = x - 5$

e) $y = 3x - 10$
 $y = -2x + 20$

f) $y = 2x + 9$
 $y = -x - 6$

SOLVING LINEAR SYSTEMS USING THE SUBSTITUTION METHOD (STEP 2)

Solve the following equations (find y):

a) $y = x + 9$ when $x = 3$

b) $y = 3x + 4$ when $x = -5$

c) $y = -4x + 2$ when $x = 9$

d) $y = -6x + 10$ when $x = -1$

e) $y = 5x - 8$ when $x = 4$

f) $y = 2x - 12$ when $x = -6$

g) $y = 8x - 9$ when $x = 10$

h) $y = 7x - 10$ when $x = -2$