Algebra I		
pg 118		
₃₁₎ R	37) R	43) {-13
₃₂₎ Ø	38) ₹-5₹	R
33) 24 3	39) {-1}	₹-2 3
₃₄₎ \(\) 14 \(\)	1 1 1 1 1 1 1 1 1 1	₹-5 <u>3</u>
₹-3₹	\mathbb{R}	[E 1]
₃₆₎ Ø	42) {43	[[[[] [] [] [] [] [] [] [] [

32)
$$\frac{1}{4}(20-4a) = 6-a$$

 $5-a = 6-a$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 $5=6$
 5

45)
$$3x + 2[1-3(x+2)] = 2x$$

 $3x + 2[1-3x-4] = 2x$
 $3x + 2[-5-3x] = 2x$
 $3x - 10 - 6x = 2x$
 $-10 - 3x = 2x$
 $-10 - 3x + 3x = 2x + 3x$
 $-10 = 5x$
 $-2 = x$
 $\{-2\}$

46)
$$2[5(w+3)-(w+1)] = 3(1+w)$$
 $2[5w+15-w-1] = 3+3w$
 $8w+28 = 3+3w$
 $8w-3w+28 = 3+3w-3w$
 $5w+28 = 3$
 $5w+28 = 3$
 $5w+28 = 3-28$
 $5w-28 = 3-28$
 $5w-5$
 $5x-5$

48)
$$3(r+1) - [2(3-2r) - 3(3-r)] = 2(r+5) - 4$$

 $3r+3 - [6 - 4r - 9 + 3r] = 2r + 6$
 $3r+3 - [-r-3] = 2r+6$
 $4r+6 = 2r+6$
 $4r-2r+6 = 2r-2r+6$
 $2r+6 = 6$
 $2r+6-6 = 6$
 $2r+6-6 = 6$
 $5r+6-6 = 6$

40)
$$4(3y-1)+13=5y+2$$
 $(3y-4+13=5y+3)$
 $(3y+9=5y+3)$
 $(3y+9=5y+3)$
 $(3y+9=3-9)$
 $($