Assignment 21 (due 2/15)

49 I, and the following problems:

(a) $\sqrt{5+x} - 3 = 1$

(b) $\sqrt[3]{2x} = 3$

(c) $\sqrt{2-x} = 3$

(d) $\sqrt{x+5} = \sqrt{2x+1}$

(e) $\sqrt{x} = 20$

(f) $\sqrt{a+3} = 6$

(g) $\sqrt{4a+3} = 0$

(h) $\sqrt{\dfrac{a}{4}} - 3 = 0$

(i) $\sqrt[3]{2(a-4)} = 2$

(j) $\sqrt{3x+2} - 2 = 0$

(k) $x = 2\sqrt{y}$ (solve for y)