Name: _____

(1) Solve each equation and check your solution(s).

(a) $\sqrt{x} = 4$

(b) $\sqrt[4]{x} = -5$

(c) $\sqrt{2x + 3} = 5$

(d) $\sqrt[3]{2x + 11} = 3$

(2) Solve each equation and check your solution(s).

(a) $\sqrt[3]{3x} + 4 = 7$

(b) $\sqrt{3x - 9} = x - 3$

(c) $\sqrt{2x + 5} + 5 - x = 0$

(d) $\sqrt{x^2 + 3x + 9} = x$