A2.A.22: Solving Radicals 2: Solve radical equations

1 If $\sqrt{x \quad 4} \quad 7$, what is the value of x?

2 If x is a real number, what is the solution set of the equation $\sqrt{1 \quad 2x} \quad 2$?

3 If $\sqrt{2x \quad 1} \quad 2 \quad 5$ then x is equal to

4 What is the solution of the equation $\sqrt{2x \quad 3} \quad 3 \quad 6$?

5 What is the value of x in the equation $\sqrt{3 \quad x} \quad 5 \quad 2$?

6 What is the solution set of the equation $\sqrt{x^2 \quad 3x \quad 3} \quad 1$?

7 What is the solution set of the equation $\sqrt{9x^2 \quad 11} \quad 5$?