

Name: _____

Math is Gold

Date: _____

(id:rad_eqn_A.1)

Title: Solve the radical equation and check your solution

1) $x = -1 + \sqrt{4x + 1}$

2) $x = -2 + \sqrt{4 + 5x}$

3) $x = -3 + \sqrt{9x + 7}$

4) $x + 2 = \sqrt{15x - 24}$

$$5) x = 3 + \sqrt{7 - 3x}$$

$$6) x = 2 + \sqrt{4x - 3}$$

$$7) x = -2 + \sqrt{12x - 3}$$

$$8) x = -3 + \sqrt{14x - 7}$$

$$9) x = -7 + \sqrt{22x + 34}$$

$$10) x = -5 + \sqrt{21x + 15}$$

$$11) x + 1 = \sqrt{22x - 99}$$

$$12) x + 2 = \sqrt{22x - 77}$$

$$13) x - 5 = \sqrt{19 - 3x}$$

$$14) x = -7 + \sqrt{21x + 43}$$

$$15) x = 7 + \sqrt{43 - 7x}$$