

Name: _____

Math is Gold

Date: _____

(id:rad_eqn_B.1)

Title: Solve the radical equation and check your solution

1) $\sqrt{x} = 7$

2) $\sqrt{a} = 5\sqrt{2}$

3) $\sqrt{5x} = 10$

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

$$5) \sqrt{x+1} = 7$$

$$6) \sqrt{2b-1} = 5$$

$$7) 3 + 5\sqrt{d} = 18$$

$$8) \sqrt{3x+15} = 3\sqrt{2}$$

$$9) 3 + \sqrt{x - 7} = 5$$

$$10) \sqrt{7x - 6} = 2\sqrt{2}$$

$$11) \sqrt{3p} = \sqrt{4p - 5}$$

$$12) \sqrt{x - 1} = \sqrt{2x - 6}$$

$$13) \sqrt{2x - 3} = \sqrt{4x - 9}$$

$$14) \sqrt{3n - 7} = \sqrt{2n + 5}$$

$$15) \sqrt{7n - 5} = \sqrt{5n + 9}$$