

## SOLVING RADICAL EQUATIONS PT. 2

Solve each equation.

**REMEMBER SOLVE BY DIAMOND PUZZLE & CHECK ALL SOLUTIONS**

1)  $\sqrt{12 - n} = n$

2)  $v = \sqrt{-20 + 9v}$

3)  $a = \sqrt{30 - a}$

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

5)  $\sqrt{-5 + 6x} = x$

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

7)  $x - 3 = \sqrt{3x - 11}$

8)  $\sqrt{v + 3} - v = 1$

9)  $-2 = -n + \sqrt{n - 2}$

10)  $\sqrt{2x + 3} = x + 2$

$$11) \sqrt{-1 - 2x} = x$$

$$12) n = \sqrt{5 + 4n}$$

$$13) a = \sqrt{12 - a}$$

$$14) \sqrt{30 - p} = p$$

$$15) \sqrt{2 - k} = k$$

$$16) x - 4 = \sqrt{x - 4}$$

$$17) \sqrt{3x - 8} = x - 2$$

$$18) x - 2 = \sqrt{x - 2}$$

$$19) m = 2 + \sqrt{3 - 2m}$$

$$20) -2 + \sqrt{2x + 3} = x$$