

6-5 Practice 1

Date _____ Period _____

Solve each equation. Remember to check for extraneous solutions.

1) $10 + \sqrt{b+4} = 16$

2) $17 = 9 + \sqrt{4x}$

3) $8 + \sqrt{64 - 9k} = 16$

4) $5 = \sqrt{-5 - 5n}$

$$5) \sqrt{-2 - 2n} = \sqrt{3n + 8}$$

$$6) \sqrt{\frac{v}{3}} = \sqrt{28 - v}$$

$$7) n = \sqrt{-18 + 11n}$$

$$8) p = \sqrt{-9 + 10p}$$

$$9) v - 6 = \sqrt{26 - v}$$

$$10) \sqrt{63 - 7x} = x - 9$$