Finding a Square Root to Solve Problems

➤ **Solve each equation.**

1. $x^2 = 64$

2. $a^2 = \frac{1}{49}$

3. $y^2 = 81$

4. $p^2 = \frac{1}{121}$

5. $s^2 = 100$

6. $m^2 = \frac{9}{16}$

7. $f^2 = 84$

8. $k^2 = \frac{25}{144}$

9. $g^2 = 36$

10. $w^2 = \frac{3}{8}$

11. $c^2 = \frac{4}{225}$

12. $t^2 = 169$

13. $r^2 + 7 = 32$

14. $d^2 - 2 = 7$

15. $j^2 - 12 = 120$

16. Describe a circumstance where there would NOT be both a positive and a negative solution when finding the square root.

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