

Section 9.2 Worksheet

Name: _____

Solve the equation or write *no real solution*. Write the solutions as integers, if possible. Otherwise, write them as radical expressions.

1. $x^2 = 25$

2. $y^2 = 81$

3. $3a^2 = 147$

4. $m^2 = 0$

5. $a^2 = 20$

6. $t^2 = 63$

7. $-3x^2 = 27$

8. $x^2 + 4 = 16$

9. $2b^2 - 7 = -7$

10. $16 - x^2 = 12$

$$11. x^2 - 16 = 0$$

$$12. 2x^2 - 37 = 35$$

$$13. 3 - x^2 = 50$$

$$14. 8 - 2x^2 = -33$$

$$15. 3x^2 - 58 = 50$$

$$16. 5x^2 + 20 = 4$$

