

Worksheet #1 Lesson 2.4**Simplify each radical.**

1. $\sqrt{63}$

2. $\sqrt{28}$

3. $\sqrt{252}$

4. $\sqrt{150}$

5. $\sqrt{24}$

6. $\sqrt{320}$

Solve each equation.

7. $9x^2 - 7 = 281$

8. $8m^2 - 5 = 139$

9. $49p^2 + 7 = 23$

10. $2r^2 + 4 = 12$

11. $8x^2 + 2 = 578$

12. $5 - 4a^2 = -47$