



Name: _____

Unit 11: Radicals

Date: _____ Bell: _____

Homework 2: Simplifying Radicals (Day 2)

Directions: Simplify the radicals below.

1. $\sqrt{125x^2}$

2. $\sqrt{245u^4v^4}$

3. $-3\sqrt{100ab^6}$

4. $\sqrt{80a^2b^3c^3}$

5. $\sqrt{512p^9q^4r^{10}}$

6. $-2\sqrt{192x^{25}y^{18}}$

7. $-2\sqrt{108m^{13}n^8}$

8. $-8\sqrt{27x^{10}y^5z^{17}}$

9. $\sqrt[3]{27m^{12}}$

10. $4\sqrt[3]{-125x^{10}}$

11. $10\sqrt[3]{-24a^8b^2}$

12. $\sqrt[3]{189m^2n^{25}p^9}$