

Name: _____

Unit 11: Radicals



Date: _____ Bell: _____

Homework 1: Simplifying Radicals (Day 1)

Directions: Simplify the radicals below.		
1. $\sqrt{324}$	2. $7\sqrt{81}$	3. $-5\sqrt{144}$
4. $\sqrt{200}$	5. $\sqrt{320}$	6. $\sqrt{245}$
7. $4\sqrt{108}$	8. $-2\sqrt{150}$	9. $6\sqrt{392}$
10. $4\sqrt{50}$	11. $8\sqrt{112}$	12. $\sqrt{567}$
13. $\sqrt[3]{216}$	14. $\sqrt[3]{54}$	15. $\sqrt[3]{-128}$
16. $\sqrt[3]{-72}$	17. $\sqrt[3]{686}$	18. $\sqrt[3]{-375}$