

Name: _____

Period: _____ Date: _____

Radicals and Negative Numbers

Section I. Solve with integers. If not possible, write "np"

1. $\sqrt{144} =$ _____

2. $\sqrt{8^2} =$ _____

3. $\sqrt{(-5)^2} =$ _____

4. $\sqrt{17 \cdot 17} =$ _____

5. $\sqrt{(-13)^2} =$ _____

6. $\sqrt[3]{64} =$ _____

7. $\sqrt[3]{(-8)} =$ _____

8. $\sqrt{-49} =$ _____

9. $\sqrt{225} =$ _____

10. $\sqrt[4]{625} =$ _____

11. $\sqrt{x^2} =$ _____

12. $\sqrt[3]{(-9)^3} =$ _____

13. $\sqrt[4]{(-13)^4} =$ _____

14. $\sqrt[3]{y^6} =$ _____

15. $\sqrt[5]{32} =$ _____

16. $\sqrt[4]{81} =$ _____

17. $\sqrt{-100} =$ _____

18. $\sqrt[4]{-16} =$ _____

19. $\sqrt{(-11)^2} =$ _____

20. $\sqrt[5]{(-g)^5} =$ _____

21. $\sqrt[4]{(-7)^4} =$ _____

22. $\sqrt[5]{-32} =$ _____

23. $\sqrt{169} =$ _____

24. $\sqrt[3]{27} =$ _____

25. $\sqrt{15 \cdot 15} =$ _____

26. $\sqrt[4]{-81} =$ _____

27. $\sqrt{289} =$ _____

28. $\sqrt[4]{-625} =$ _____

29. $\sqrt[3]{w^{12}} =$ _____

30. $\sqrt[3]{-64} =$ _____