

Name: _____

Unit 6:

Date: _____ Bell: _____

Homework

Monomial Square Roots

**Simplify the following radicals. SHOW ALL WORK!**

1. $\sqrt{k^2}$

2. $\sqrt{m^3}$

3. $\sqrt{4a^2}$

4. $\sqrt{25x^6}$

5. $\sqrt{32x^3}$

6. $\sqrt{300y^4}$

7. $\sqrt{84w}$

8. $\sqrt{128c^5}$

9. $\sqrt{24a^2b^4}$

10. $\sqrt{81u^2v}$

11. $\sqrt{75p^5q^2}$

12. $\sqrt{100x^3y}$

13. $\sqrt{40m^4n^3}$

14. $\sqrt{96c^4d^2}$

15. $\sqrt{27ab^3}$

16. $\sqrt{56m^2n^4p^3}$

17. $\sqrt{150a^2b^2c}$

18. $\sqrt{45x^2y^5z^8}$

19. $\sqrt{72a^6b^3c^2}$

20. $\sqrt{98x^4y^6z^2}$