

Name _____



Date _____

Radicals

Simplify.

| | | |
|---------------------|---------------------|---------------------|
| 1. $\sqrt{b^{19}}$ | 2. $\sqrt{g^2d^9}$ | 3. $\sqrt{i^4h^7}$ |
| 4. $\sqrt{h^3c^6}$ | 5. $\sqrt{j^7}$ | 6. $\sqrt{j^5i^8}$ |
| 7. $\sqrt{hb^4}$ | 8. $\sqrt{j^{16}}$ | 9. $\sqrt{h^5g^8}$ |
| 10. $\sqrt{j^6h}$ | 11. $\sqrt{e^{12}}$ | 12. $\sqrt{e^3d^2}$ |
| 13. $\sqrt{g^7j^9}$ | 14. $\sqrt{i^{14}}$ | 15. $\sqrt{g^2b^4}$ |
| 16. $\sqrt{b^8g}$ | 17. $\sqrt{c^9}$ | 18. $\sqrt{c^7d^6}$ |
| 19. $\sqrt{e^4}$ | 20. $\sqrt{k^9j^5}$ | 21. $\sqrt{j^3i^2}$ |
| 22. $\sqrt{h^{17}}$ | 23. $\sqrt{d^3f^4}$ | 24. $\sqrt{j^9i^7}$ |
| 25. $\sqrt{b^{13}}$ | 26. $\sqrt{f^5b^8}$ | 27. $\sqrt{gf^6}$ |
| 28. $\sqrt{k^3i^8}$ | 29. $\sqrt{g^2f^7}$ | 30. $\sqrt{c^{18}}$ |