Name Class Date

Algebra Review Simplifying Radicals

**Simplify each radical expression.**

$1. \sqrt{24}$ 2. $\sqrt{20}$ 3. $\sqrt{18}$ 4. $\sqrt{200}$

5. $\sqrt{32}$ 6. $\sqrt{84}$ 7. 4$\sqrt{24}$ 8. $\sqrt{6}$ x $\sqrt{24}$

9. $\sqrt{24}$ x $\sqrt{24}$ 10. $\sqrt{2} $x $\sqrt{8}$ 11. $\sqrt{4} $x $\sqrt{8}$ 12. $\sqrt{9} $x $\sqrt{18}$

13. 3$\sqrt{14}$ x $\sqrt{21}$ 14. $\sqrt{12} $x $\sqrt{8}$ 15. $\sqrt{4} $x 3$\sqrt{10}$ 16. $\sqrt{8} $x $\sqrt{18}$

17. $\sqrt{\frac{25}{9}}$ 18. 3$\sqrt{\frac{12}{9}}$ 19. $\frac{2}{\sqrt{3}}$ 20. $\frac{6}{\sqrt{4}}$