

Name: _____ Date: _____ Period: _____

Simplifying Radicals

11.2 Practice 4

1. $\sqrt{20} + \sqrt{5}$

2. $\sqrt{28} + \sqrt{7}$

3. $5\sqrt{3} - \sqrt{75}$

4. $\sqrt{48} + \sqrt{75}$

5. $\sqrt{12} - 2\sqrt{3}$

6. $4\sqrt{3} \cdot \sqrt{18}$

7. $5\sqrt{6} \cdot \sqrt{3}$

8. $4\sqrt{5} \cdot \sqrt{10}$

9. $3\sqrt{2} \cdot 4\sqrt{7}$

10. $(5\sqrt{3})^2$

11. $\sqrt{12}$

12. $\sqrt{32}$

13. $\sqrt{48}$

14. $\sqrt{20}$

15. $\sqrt{200}$

16. $\sqrt{75}$

17. $\sqrt{18}$

18. $\sqrt{24}$

19. $\sqrt{175}$

20. $\sqrt{28}$

21. $\sqrt{72}$

22. $\sqrt{99}$