

Name _____ Date _____ Period _____

9.3 – Simplifying Radicals

Simplify.

1. $\sqrt{8}$

2. $\sqrt{28}$

3. $\sqrt{54}$

4. $\sqrt{20}$

5. $\sqrt{27}$

6. $\sqrt{90}$

7. $\sqrt{99}$

8. $\sqrt{108}$

9. $-\sqrt{128}$

10. $2\sqrt{175}$

11. $\sqrt{300}$

12. $4\sqrt{12}$

13. $-5\sqrt{24}$

14. $2\sqrt{45}$

15. $-6\sqrt{98}$

16. $\sqrt{432}$

17. $14\sqrt{75}$

18. $10\sqrt{125}$

19. $7\sqrt{1200}$

20. $5\sqrt{2050}$