

Name _____ Date: _____ P: _____

Watch the video titled **Part 1: Simplifying radicals without a calculator**, first. **Due 3/5/26**

Use the product property to write each expression in simplified form.

1. $\sqrt{12}$

2. $\sqrt{24}$

3. $\sqrt{50}$

4. $\sqrt{28}$

5. $-\sqrt{108}$

6. $\sqrt{32}$

7. $\sqrt{52}$

8. $-\sqrt{96}$

9. $\sqrt{60}$

10. $\sqrt{150}$

11. $-\sqrt{125}$

12. $\sqrt{128}$

13. $\sqrt{288}$

14. $-\sqrt{300}$

15. $\sqrt{450}$

16. $\sqrt{432}$

17. $\sqrt[3]{16}$

18. $\sqrt[3]{-54}$

19. $\sqrt[3]{-48}$

20. $\sqrt[3]{250}$

21. $\sqrt[3]{135}$

22. $\sqrt[3]{-160}$

23. $\sqrt[4]{32}$

24. $\sqrt[4]{96}$

25. $\sqrt[4]{243}$

26. $\sqrt[4]{1250}$