

Algebra 9.1 Worksheet

Simplify the expression. Answers need to be in simplified radical form – NO Decimals.

1. $\sqrt{50}$

2. $\sqrt{68}$

3. $-\sqrt{98}$

4. $\sqrt{\frac{9}{25}}$

5. $-\sqrt{\frac{3}{64}}$

6. $-\sqrt{\frac{x^2}{4}}$

7. $\sqrt[3]{24}$

8. $\sqrt[3]{-250}$

9. $\sqrt{\frac{36}{9x^2}}$

10. $\frac{3}{\sqrt{3}}$

11. $\frac{9}{\sqrt{5}}$

12. $\frac{\sqrt{3}}{\sqrt{50}}$

13. $\frac{4}{\sqrt{w}}$

14. $\frac{1}{\sqrt{5t}}$

15. $\sqrt{\frac{2z^2}{7}}$

16. $\frac{4}{\sqrt{3}}$

17. $\frac{\sqrt{2}}{\sqrt{45}}$

18. $\frac{1}{\sqrt{6t}}$