

Algebra 9-7 Square Roots and Products

Simplify.

1. $\sqrt{50} = \underline{\hspace{2cm}}$

2. $\sqrt{200} = \underline{\hspace{2cm}}$

3. $\sqrt{8} = \underline{\hspace{2cm}}$

4. $\sqrt{18} = \underline{\hspace{2cm}}$

5. $\sqrt{75} = \underline{\hspace{2cm}}$

6. $\sqrt{800} = \underline{\hspace{2cm}}$

7. $\sqrt{72} = \underline{\hspace{2cm}}$

8. $\sqrt{25a^2} = \underline{\hspace{2cm}}$

9. $\sqrt{49a^3b^2} = \underline{\hspace{2cm}}$

10. $\sqrt{50a^2b^3c^4} = \underline{\hspace{2cm}}$

11. $\sqrt{20a^5b^6} = \underline{\hspace{2cm}}$

12. $\sqrt{a^{10}b^5c^3} = \underline{\hspace{2cm}}$

13. $\frac{6 + \sqrt{18}}{3} = \underline{\hspace{2cm}}$

14. $\frac{8 + \sqrt{20}}{2} = \underline{\hspace{2cm}}$

15. $\frac{4n + \sqrt{20n^4}}{2n} = \underline{\hspace{2cm}}$