

Section 9.3 Worksheet

Name: _____

Simplify the expression.

1. $\sqrt{40}$

2. $-\sqrt{18}$

3. $\sqrt{32}$

4. $\sqrt{48}$

5. $\frac{1}{3}\sqrt{45}$

6. $\sqrt{300}$

7. $\frac{1}{2}\sqrt{128}$

8. $\sqrt{108}$

Simplify the expression. **DON'T FORGET TO RATIONALIZE THE DENOMINATORS!**

9. $\sqrt{\frac{16}{25}}$

10. $\sqrt{\frac{7}{9}}$

11. $-\sqrt{\frac{8}{2}}$

12. $\sqrt{\frac{11}{36}}$

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

14. $\sqrt{\frac{1}{7}}$

15. $2\sqrt{\frac{16}{3}}$

16. $5\sqrt{\frac{20}{49}}$