

Algebra II Class work 5-6
Topic: Radical Expressions

Name: _____
Date: _____ PD _____

Simplify

1. $3xy\sqrt{2x}$

2. $4\sqrt{7} - 2\sqrt{2} - 11x$

3. $3x\sqrt{5x}$

4. $5\sqrt[3]{2} - 3\sqrt{3}$

5. $5x^2\sqrt{6}$

6. $3a^2\sqrt{b}$

7. $\frac{-16\sqrt{2}}{9}$

8. $3\sqrt{2} + 3$

9. 78

10. $3x + 6\sqrt{3x} + 9$

11. $\frac{2\sqrt{6a}}{3a}$

12. $\frac{3\sqrt[3]{x}}{x}$

13. $\frac{5x^2\sqrt{6y}}{3y}$

14. $\frac{\sqrt{ab}}{2b^2}$

15. $\frac{\sqrt[4]{4}}{2}$

16. $\frac{\sqrt{21x}}{7}$