

4.2 Radical Operations

1. x^4

2. x^5y^{12}

3. $y^4 \sqrt[3]{y^2}$

4. $17 \sqrt[6]{x^2y}$

5. $-7a \sqrt[3]{3a}$

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

7. $x^{\frac{9}{20}} = \sqrt[20]{x^9}$

8. $3\sqrt{3}$

9. $\frac{4\sqrt{7}}{7}$

10. $\frac{-2(\sqrt{5}+4)}{11}$

11. xy^2

12. $2xy \sqrt[5]{y^2}$

13. $6 - 10\sqrt{3}$

14. $\frac{9^{\frac{1}{3}}}{xy^5}$

15. $\frac{\sqrt{7}}{7}$

16. $\frac{-3(\sqrt{3}+4)}{13}$