

9-3 Simplifying Radical Expressions ANSWERS

1. $2\sqrt{5}$

2. $2a\sqrt{10a}$

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

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

5. $a^2b^2c\sqrt{b}$

6. $ab^2\sqrt[3]{a}$

7. $a^2b^3\sqrt[3]{ab}$

8. $2\sqrt[3]{3}$

9. $2\sqrt[3]{6}$

10. $8\sqrt{2}$

11. $n^4\sqrt{42n}$

12. All the answers below should have been circled.

$$x\sqrt{11y} \quad 7x^2y\sqrt{2xy} \quad 64\sqrt{x} \quad xy\sqrt{xy} \quad 4a^3\sqrt{10abc}$$