

Simplify each of the following.

1. $\sqrt{288}$

2. $\sqrt[3]{72ab^5}$

3. $\sqrt[4]{81a^6b^2}$

4. $\sqrt{600c^5d^7e^{17}}$

5. $\sqrt[3]{1250xyz^6}$

6. $\sqrt{343w^7xy^9}$