

Simplify each of the following.

1. 6^3

2. -4^5

3. $(2+4)^2$

4. $(-6+7-3)^4$

5. $(3^2)^2$

6. $\sqrt{1568}$

7. $\sqrt[3]{384}$

8. $\sqrt[3]{81}$

9. $\sqrt[5]{160}$

10. $\sqrt{945}$

11. $\sqrt{-4^2 + 4^3}$

12. $\sqrt{(-4)(3) + 6^2}$

13. $(\sqrt{4^2 + 3^2})^3$

14. $(\sqrt{64} + \sqrt{256})^2$

15. $\sqrt{(-9)(-4) + (3^2)(5)}$