

Pg 435#1-18

1. $(-5)^4$
2. 7^2m^3
3. 625
4. 64
5. 1
6. $\frac{1}{125}$
7. 3^9
8. a^{15}
9. $81c^4$
10. $\frac{4}{49}p^2$
11. 8^3
12. 6^8
13. π^3
14. t^{10}
15. $\frac{8}{d^6}$
16. $\frac{3}{x^2}$
17. **a** 10^{-3} m
b. 1 millimeter; The length is less than 1 meter and a millimeter is smaller than a meter.
18. 10^5 times