

Practice Problems: Scientific Notation

See the complete solutions to these problems at <http://www.youtube.com/watch?v=JpoJHr6I58k>.

Convert the following numbers into scientific notation:

1. 192 Gs

2. 0.00478 fm

3. 50800 qt

4. 390.0200 K

5. 0.08200 μm

6. 4000 $^{\circ}\text{F}$

Convert the following numbers into standard (decimal) notation:

7. 5.80×10^{-2} ft

8. 9.0×10^{-4} pL

9. 7.495×10^6 gal

10. 4.1070×10^2 hr

11. 1.02×10^{-6} Ts

12. 8.28×10^1 in.