Directions: Make the following conversions. SHOW WORK (**Problems without work receive no credit**) AND INCLUDE UNITS.

1. 48 g NaF to formula units NaF
2. 2.5 L SO2 to g SO2
3. 5.42 x 1026 formula units CaS to g CaS
4. 340 g H2S to L H2S
5. 78.67 L N2O to molecules N2O
6. 7.5 x 1024 molecules NO3 to L NO3
7. 6.41 x 1025 atoms Rn to L Rn
8. 741 L He to atoms He
9. 110 g CH4 to L CH4
10. 413 g V2(SO3)5 to formula units V2(SO3)5
11. 5.40 x 1021 molecules SiCl2F2 to g SiCl2F2
12. 52.9 L C4H10 to g C4H10