

- 1) How many grams of methanol (CH_4O) are in 0.20 moles of methanol?

- 2) How many moles of benzene (C_6H_6) are in 43 g of benzene?

- 3) What mass of NaCl contains as many moles as 5.0 g of KBr?

- 4) How many molecules are in 6.0 g of PCl_3 ?

- 5) What is the mass in grams of a single atom of lead?

- 6) What mass of propane (C_3H_8) contains 2.2 grams of C?
- 7) How many grams are in 2.0 moles of KCl?
- 8) How many moles are in 2.0 grams of KCl?
- 9) What mass in grams of sodium atoms contains 3×10^{18} atoms?
- 10) What is the mass in grams of a single fluorine atom?
- 11) How many moles of Si has as many Si atoms as the number of atoms in 4.0 g of Ca?
- 12) How many atoms are in 3.2 g of methanol (CH_4O)