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| #1  Convert  10.0 mol Cr  into grams | #2  Convert  72.0 g Ar  into moles |
| #3  Convert  4.81 x 1014 molecules of NH3 into moles | #4  Convert  1.24 mol Cl2 into molecules |
| #5  How many molecules are in 60.0 grams  of N2O? | #6  What is the mass  (in grams) of  2.5 x 1029 molecules of Ca(OH)2? |
| #7  Convert  15.7 grams of Aluminum Chloride into moles | #8  How many milligrams are in  25 moles  of water? |
| #9  How many molecules are in  145 mg of CH4? | #10  If the density of  gold is 19.3 ,  how many  molecules of liquid gold would you have in 250 mL of gold? |