

Mole Calculation Practice Worksheet

Answer the following questions:

- 1) How many moles are in 25 grams of water?

- 2) How many grams are in 4.5 moles of lithium oxide?

- 3) How many molecules are in 23.0 moles of oxygen?

- 4) How many moles are in 3.40×10^{23} molecules of H_2SO_4 ?

- 5) How many molecules are in 25.00 grams of NH_3 ?

- 6) How many grams are in 8.200×10^{22} molecules of dinitrogen hexaoxide?

Solutions for the mole calculation practice worksheet:

- 1) 1.4 moles
- 2) 130 grams
- 3) 1.38×10^{25} molecules
- 4) 0.565 moles
- 5) 8.832×10^{23} molecules
- 6) 107.5 grams