

Chemistry Worksheet: Mole Concept

Name _____ Date _____ Class Period _____

- 1) What is the mass of one mole of Br atoms?
- 2) What is the mass of one mole of titanium atoms?
- 3) What is the molar mass of tin?
- 4) What is the mass of one mole of chromium atoms?
- 5) What is the mass of 6.02×10^{23} atoms of arsenic?
- 6) Is one mole of zinc the same as one atom of zinc?
- 7) How many atoms are there in one mole of atoms?
- 8) What is the mass of one mole of Br₂ atoms?
- 9) What is the mass of one mole of water?
- 10) What is the molar mass of CaCl₂?
- 11) What is the molar mass of K₂Cr₂O₇?
- 12) What is the mass of one mole of Ba(OH)₂?
- 13) What is the molar mass of carbon disulfide?
- 14) What is the molar mass of ethanol, C₂H₅OH?
- 15) Calculate the molar mass of each of the following:
a) (NH₄)₂SO₃ b) Ca₃(PO₄)₂ c) Al₂(CrO₄)₃ d) KNO₃
- 16) What is the mass of 6.02×10^{23} molecules of H₂CO₃?