Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Mole to Grams, Grams to Moles Conversions Worksheet

**1 mole = molar mass(g) can be written as** \_\_\_\_**1 mole OR \_molar mass (g)**

**molar mass (g) 1 mole**

**Solve** of the following (**Show all work**):

1. **How many moles** are in 15 grams of lithium?

1. **How many grams** are in 2.4 moles of sulfur?

1. **How many moles** are in 22 grams of argon?

1. **How many grams** are in 88.1 moles of magnesium?

1. **How many moles** are in 2.3 grams of phosphorus?

1. **How many grams** are in 11.9 moles of chromium?

1. **How many moles** are in 9.8 grams of calcium?

1. **How many grams** are in 238 moles of arsenic?