

## Success 24/7: Molar Mass

### Molar Mass:

The mass of one mole of a substance

**Unit:** g/mol

**Other names:** gam, gmm, gfm

**What you need:** Your periodic table!

Be sure to go to the tenths spot when writing the number down...and check to see if you need to round or not.

Ex: 12.364 would become 12.4

### Molar Mass of an Element

The atomic mass of the element IS the molar mass. Round to the nearest tenth and use "g/mol" as the unit.

Br: \_\_\_\_\_

S: \_\_\_\_\_

Sc: \_\_\_\_\_

## Molar Mass of a Compound

Find the mass of all elements in the compound and add them together.

NaCl:

Al<sub>2</sub>O<sub>3</sub>:

Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>: