

Molecular Mass, Molar Mass, and Formula Mass

- 1. What is the molecular mass of pentane, C_5H_{12} ? What is the molar mass?*
- 2. How many moles of oxygen are in 123.45 g?*
- 3. What is the formula mass of $Ca_3(PO_4)_2$? How many grams are in 6.54 moles of $Ca_3(PO_4)_2$?*
- 4. Caffeine, $C_8H_{10}N_4O_2$, has a molar mass of _____. How many nitrogen atoms are in 2.75 moles of caffeine?*
- 5. How many grams of sodium bromate are in 0.565 moles?*