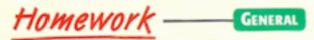
Answers to problems in page 228.

Answers to Practice Problems A

- **1.** 1.13×10^{23} ions Na⁺
- **2**. 8.73×10^6 atoms As
- **3**. 2.544×10^{24} molecules C₂H₄O₂
- 4. 3.6×10^{24} formula units NaOH



Additional Practice How many representative particles are present in each of the following?

- **1.** 4.3 mol of tungsten Ans. 2.6×10^{24} atoms W
- 2. 2.45 × 10⁻⁶ mol of nickel(II) selenide Ans. 1.48 × 10¹⁸ formula units NiSe
- **3.** 0.923 mol of selenium tetrabromide Ans. 5.56×10^{23} molecules SeBr₄

Logical