Chapter 6: 18, 20a, 26, 28, 30a, 34, 36, 40, 42, 46a, 50, 52a, 54, and A and B, below
Chapter 7: 30, 34, 36, 52, 58, 60, 38, 40, 44, 50  (For #50, chlorophyll does not appear in the equation as a reactant or product.)
Chapter 8: 20a, 24a, 30, 34a, 36a, 44, 86, 92, 94  (For #86 and 92, you must first write a correct and balanced chemical equation, based on the verbal description in the problem statement.)

A. A houseplant consumes 180.0 mg of carbon dioxide in an hour. How many oxygen atoms are in this amount?

B. What mass of sodium phosphate has $9.8 \times 10^{24}$ sodium cations in it?