Problem Solving Activity: Completing the Squares

Task: Look at the data listed for the 5 elements below. Fill in the missing data as it would appear in a modern periodic table. In some cases you will have to perform calculations to fill in the missing data. Do not use a completed Periodic Table in this activity! Do the calculations yourself. Then answer the questions that follow.

Data:

- Carbon (Symbol?): AM 12.01; No. of electrons = 6;
  (Atomic Number ?)

- More than 70% of the air (Name? ); (Symbol? ); AN = 7;
  AM = 14;

- (Name ?); O; (No. of protons?); (AM. ?); (No. of electrons ?);

- Fluorine; (Chemical symbol ?); No. of protons = 9; AM = 18.99
  (AN ?)

- Inert "sign" gas; (Name ?); (Chemical symbol ?);
  No. of electrons = 10; AM- 20.17
EXAMPLE:

AN
SYMBOL
NAME
AM