

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

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