



Name:

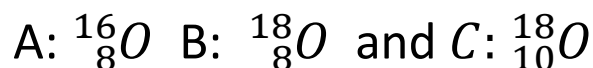
Date:

Grade:

Worksheet

Q1) An oxygen atom (O) contains 10 neutrons and 8 electrons.

1. Find the number of protons of oxygen atom.
2. Deduce its atomic number.
3. Find the mass number(A) of oxygen atom.
4. Some expected representation for oxygen atoms



Which of these three compounds are isotopes for oxygen atoms, (A&B) OR (B &C)? Justify?

Q2) 1. write the electron configuration for each of the following atoms:

${}_{11}\text{Na}$

${}_{14}\text{Si}$

${}_6\text{C}$

${}_2\text{He}$

${}_{17}\text{Cl}$

Developmental Action Without Borders

NABA'A

Reg: 104\AD



جمعية عمل تنموي بلا حدود

نبا

علم وخبر: 104/أد

19 F

20 Ca

2. specify the period, column, group & period for each of the above atoms ($_{11}\text{Na}$, $_{14}\text{Si}$, $_6\text{C}$, $_2\text{He}$, $_{17}\text{Cl}$, $_{19}\text{F}$ and $_{20}\text{Ca}$).