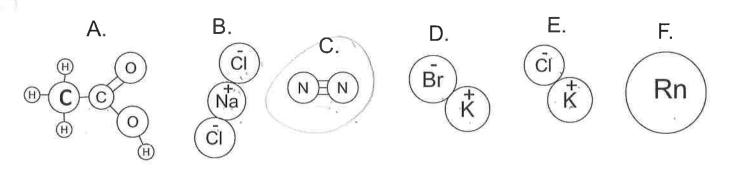
Structure of Matter – Vocabulary Practice

Name: Answers



1. How many atoms are shown in the diagrams above?

2. How many elements are shown in the diagrams above?

H, C, O, Na, Cl, N, Br, K, Rn

3. How many ions are shown in the diagrams above?

7 (things with charges)

4. Which lettered items are molecules?

A, C (The connections - share electrons)

5. How do you know that those are molecules? What makes them molecules?

See above

6. Which lettered items are compounds?

A, B, DE

7. How do you know that those are compounds? What makes them compounds?

they whave more than one type of aton (>1 element)

8. Which items are neither molecules nor compounds?

F

9. Which (if any) of the substances are in the top three most common particles found in "air?" (darken all that apply)

10. Write the molecular formula for substance A, above.

C2 H4 O2