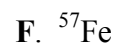
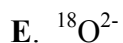
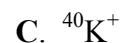
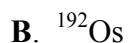
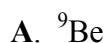


## Atomic Structure Ranking Tasks

Below are 6 elements. You will be ranking these in 4 different ways. Write a one sentence description of how you ranked the elements for each of the different criteria.



1. Rank the elements above from the greatest to least number of electrons.

Greatest 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_ Least

Explain your reasoning below.

2. Rank the elements above from the greatest to least mass number.

Greatest 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_ Least

Explain your reasoning below.

3. Rank the elements above from the greatest to least number of neutrons.

Greatest 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_ Least

Explain your reasoning below.

4. Rank the elements above from the greatest to least number of protons.

Greatest 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_ Least

Explain your reasoning below.