|  |  |  |
| --- | --- | --- |
| ionization III  CλeMis+ry: http://genest.weebly.com  Stop in for help every day at lunch and Tues,&Thurs after school! |  | Name\_\_\_\_\_\_\_\_\_  Period\_\_\_\_\_\_\_\_ |

1. Write a balanced equation for neutral fluorine atom gaining one electron:

\_\_\_\_ + \_\_\_\_ \_\_\_\_

1. Write a balanced equation for S2- anion losing two electrons:

\_\_\_\_ \_\_\_\_ + \_\_\_\_

1. Write a balanced equation for a calcium ion gaining two electrons:

\_\_\_\_ + \_\_\_\_ \_\_\_\_

|  |  |  |
| --- | --- | --- |
| 1. In which situation below will attraction be stronger? ( A / B / no difference ) |  | 1. In which situation below will attraction be stronger? ( A / B / no difference ) |
|  |  |  |
|  |  |  |

1. To remove an **electron** from an atom we have to pull hard enough to overcome the attraction of the atom’s **nucleus**. On the two atoms below, which has a valence electron that is easiest to remove? ( A / B )

|  |  |  |  |
| --- | --- | --- | --- |
| A |  | B |  |