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| ionization IIICλeMis+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:

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

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

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