Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_

**CLASSWORK: Groups Textbook Hunt**

**Group 1A (R6-R9)**

|  |  |  |
| --- | --- | --- |
| **Group Name:** | **Elements in Group:** | **Valence:** |
| **Physical Properties:** *Appearance?* |
| **Atomic Properties:** *Charge on**Ions Formed?* | *Two common reactions (first two listed in section):* |
| Trend in ionization energy down group: | Trend in electronegativity down group: | Trend in atomic radius down group: |
| How reactive are they? |
| Read about the elements in this group on pages R8-R9. Record two things you learned about these elements: |   |  |

**Group 2A (R10-R13)**

|  |  |  |
| --- | --- | --- |
| **Group Name:** | **Elements in Group:** | **Valence:** |
| **Physical Properties:** *Appearance?* |
| **Atomic Properties:** *Charge on**Ions Formed?* | *Two common reactions:* |
| Trend in ionization energy down group: | Trend in electronegativity down group: | Trend in atomic radius down group: |
| How reactive are they? |
| Read about the elements in this group on pages R12-R13. Record two things you learned about these elements: |  |   |

**Group 7A (R32-R35)**

|  |  |  |
| --- | --- | --- |
| **Group Name:** | **Elements in Group:** | **Valence:** |
| **Physical Properties:** *Appearance?* |
| **Atomic Properties:** *Charge on**Ions Formed?* | *Two common reactions (first two listed in section):* |
| Trend in ionization energy down group: | Trend in electronegativity down group: | Trend in atomic radius down group: |
| How reactive are they? |
| Read about the elements in this group on pages R34-R35. Record two things you learned about these elements: |  |  |

**Group 8A (R36-R37)**

|  |  |  |
| --- | --- | --- |
| **Group Name:** | **Elements in Group:** | **Valence:** |
| **Physical Properties:** *Appearance?* |
| **Atomic Properties:** *Charge on**Ions Formed?* | How reactive are they? | Trend in ionization energy down group: |
| Read about the elements in this group on pages R37-R9. Record two things you learned about these elements: |  |  |

**Hydrogen (R38-R39)**

Why is hydrogen not considered an alkali metal?

Record two things you learned about hydrogen on these pages: