Flame Test Post Lab Grade Sheet **Name: Period:**

**General**

* Filled out Headers
* Footer signed and dated
* Labeled Sections
* Adequate Spacing
* Professionalism/Care/Thought
* Extra sections included that were not asked for
* Other:

**Observations/Data Tables**

* Missing either qualitative or
quantitative data
* No title on data tables
* Titles not descriptive
* Too small/squished/messy
* Observations lacking detail or content

**Discussion Questions**

|  |  |  |
| --- | --- | --- |
| **General** | 5 |  |
| **Obs/Data Tables** | 15 |  |
| **Discussion Qs** | 20 |  |
| ***Total*** | 40 |  |

* Questions copied from handout
* Questions not copied, but not paraphrased into your answer

|  |  |  |
| --- | --- | --- |
| * Incorrect
	+ 1
	+ 2
	+ 3
	+ 4
	+ 5
	+ 6
	+ 7
	+ 8
	+ 9
	+ 10
	+ 11
	+ 12
 | * Insufficient
	+ 1
	+ 2
	+ 3
	+ 4
	+ 5
	+ 6
	+ 7
	+ 8
	+ 9
	+ 10
	+ 11
	+ 12
 | **1)** Electrons **2)** They went up to a higher energy level **3)** We gave them energy from the Bunsen burner **4)** They have different gaps in energy levels**5)** High energy = high frequency = short wavelengths **6)** High: purple, blue, green, yellow, orange, red :Low **7)** High: purple, blue, green, yellow, orange, red :Low**8)** High: red, orange, yellow, green, blue, purple :Low **9)** Copper – color matched Cu(NO3)2 and Cu(SO4) we used**10)** We were not looking at them through a prism – the prism splits each individual wavelength up into lines. We just looked at the entire thing. **11)** If we used a prism to separate we might be able to. If we are just looking at the flame we wouldn’t be able to distinguish. **12)** Neon signs, lights, fireworks, the stars |

* Missing Questions:

Flame Test Post Lab Grade Sheet **Name: Period:**

**General**

* Filled out Headers
* Footer signed and dated
* Labeled Sections
* Adequate Spacing
* Professionalism/Care/Thought
* Extra sections included that were not asked for
* Other:

**Observations/Data Tables**

* Missing either qualitative or
quantitative data
* No title on data tables
* Titles not descriptive
* Too small/squished/messy
* Observations lacking detail or content

**Discussion Questions**

|  |  |  |
| --- | --- | --- |
| **General** | 5 |  |
| **Obs/Data Tables** | 15 |  |
| **Discussion Qs** | 20 |  |
| ***Total*** | 40 |  |

* Questions copied from handout

|  |  |  |
| --- | --- | --- |
| * Incorrect
	+ 1
	+ 2
	+ 3
	+ 4
	+ 5
	+ 6
	+ 7
	+ 8
	+ 9
	+ 10
	+ 11
	+ 12
 | * Insufficient
	+ 1
	+ 2
	+ 3
	+ 4
	+ 5
	+ 6
	+ 7
	+ 8
	+ 9
	+ 10
	+ 11
	+ 12
 | **1)** Electrons **2)** They went up to a higher energy level **3)** We gave them energy from the Bunsen burner **4)** They have different gaps in energy levels**5)** High energy = high frequency = short wavelengths **6)** High: purple, blue, green, yellow, orange, red :Low **7)** High: purple, blue, green, yellow, orange, red :Low**8)** High: red, orange, yellow, green, blue, purple :Low **9)** Copper – color matched Cu(NO3)2 and Cu(SO4) we used**10)** We were not looking at them through a prism – the prism splits each individual wavelength up into lines. We just looked at the entire thing. **11)** If we used a prism to separate we might be able to. If we are just looking at the flame we wouldn’t be able to distinguish. **12)** Neon signs, lights, fireworks, the stars |

* Questions not copied, but not paraphrased into your answer
* Missing Questions: