**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Unit 8 Radioactivity – Test Reflection**

*Using your test answer sheet,* ***shade in the box below that corresponds to each answer you got RIGHT.*** *Then complete the target with how close you were in mastering the concept and write a sentence about where you are in your understanding.*

**Test Score:\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Planning to retake: \_\_\_ Yes \_\_\_ No**

**Retake Score:\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Objective: Radiation (types, uses, history)**

*Learning Target: I can describe the properties of alpha, beta and gamma decay.*

*Learning Target: I can explain how we use radiation to our advantage and what detrimental effects it can have.*

*Learning Target: I can identify the instrument and how we measure radiation.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 6 | 8 | 9 | 12 | 13 | 14 | 15 | 16 | 17 | 21 |

**Self Reflection: Radiation (types, uses, history)**

**Did you hit the target? Why or why not? Right On 12-13 Correct  
 Close 8-11 Correct  
 Way Off 7 or Less Correct**

**Objective: Fission vs. Fusion**

*Learning Target: I can define, identify and give examples of fission and fusion.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 18 | 19 | 22 | 36 | 37 | 38 | 39 |

**Self Reflection : Fission vs. Fusion   
Did you hit the target? Why or why not? Right On 7 Correct  
 Close 4-6 Correct  
 Way Off 3 or less Correct**

**Objective: Nuclear Power and Weapons**

*Learning Target: I can identify the parts and safety features of nuclear power plants.*

*Learning Target: I can describe the major nuclear power plant disasters.*

*Learning Target: I can explain how a nuclear bomb works and how they have been used.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 5 | 7 | 10 | 28 | 29 | 30 | 40 |

**Self Reflection : Nuclear Power and Weapons**

**Did you hit the target? Why or why not? Right On 7-8 Correct**  **Close 4-6 Correct  
 Way Off 3 or less Correct**

**Objective: Half Lives**

*Learning Target: I can define a half life.*

*Learning Target: I can solve half life problems for percent, years, half lives and amounts of sample remaining.*

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | 20 | 23 | 24 | 25 | 26 | 27 | 31 | 32 | 33 | 34 | 35 |

**Self Reflection : Half Lives**

**Did you hit the target? Why or why not? Right On 11-12 Correct  
 Close 7-10 Correct  
 Way Off 6 or less Correct**