Name: _____

Period: _____

HW-23:2L - Solutions Mr. Murray, IPC www.aisd.net/smurray

1. Give the most important exam-3. What particle decay is this? 5. Which of these will be soluble in water? ple of a polar molecule. CO NaCl CO_2 MgO NCl₃ $^{^{238}}_{^{93}}$ U \rightarrow $^{^{234}}_{^{90}}$ Th 2. What do we mean by a polar 4. What particle decay is this? molecule? 6. Give the four ways to speed up dissolving of a substance. $^{210}_{83}$ Bi $\rightarrow ^{210}_{84}$ Po Assigned: Fri., 12/5/03 Name: _____ HW-23:2L - Solutions Due: Tues., 12/9/03 Mr. Murray, IPC Period:_____ www.aisd.net/smurray 5. Which of these will be soluble in water? 1. Give the most important exam-3. What particle decay is this? ple of a polar molecule. CO NaCl CO_2 MgO NCl₃ $^{238}_{93}$ U $\rightarrow ^{234}_{90}$ Th 2. What do we mean by a polar 4. What particle decay is this? molecule? 6. Give the four ways to speed up dissolving of a substance. ²¹⁰₈₃ Bi→ ²¹⁰₈₄ Po **Assigned: Fri., 12/5/03** HW-23:2L - Solutions Name: _____ Mr. Murray, IPC Due: Tues., 12/9/03 Period:

1. Give the most important example of a polar molecule.

2. What do we mean by a polar molecule?

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3. What particle decay is this?

 $^{^{238}}_{^{93}}$ U \rightarrow $^{^{234}}_{^{90}}$ Th

4. What particle decay is this?

 $^{210}_{83}$ Bi $\rightarrow ^{210}_{84}$ Po

| 5. Which of these will be soluble in water? | | | | |
|---|------|--------|-----|------------------|
| CO | NaCl | CO_2 | MgO | NCl ₃ |

6. Give the four ways to speed up dissolving of a substance.