**What’s In Our Stars? Sample Tracker**

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| **Record what substance will be used in each sample/unknown cup:** |

Sample A = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = Unknown A

Sample B = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = Unknown B

Sample C = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = Unknown C

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| **Calculate materials for each group:** |

Each group needs: Sample A, Sample B, Sample C, and an Unknown

ONE of Sample A x \_\_\_\_\_\_ (Number of Groups) = \_\_\_\_\_\_ Total Number of Sample A Cups

ONE of Sample B x \_\_\_\_\_\_ (Number of Groups) = \_\_\_\_\_\_ Total Number of Sample B Cups

ONE of Sample C x \_\_\_\_\_\_ (Number of Groups) = \_\_\_\_\_\_ Total Number of Sample C Cups

ONE Unknown\* \_\_\_\_\_\_ (Number of Groups) = \_\_\_\_\_\_ Total Unknown Cups

\*Decide whether each group will have a different unknown sample (A, B, or C) or the same sample (e.g., all A).

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| **Label each of the cups:** |

Use the actual name of the substance/material being used for the sample cups. For example, write “Iron” not “Sample A” on the cup. For the unknown cups, write “Unknown A”/“Unknown B”/“Unknown C,” or simply “A”/“B”/“C”. This way you can identify what substance is in each unknown cup.

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| **Double check:** |

Below is a checklist you can use to make sure each group has what they need for samples/unknowns.

Record which Unknown (A, B, or C) each group will be given. You can add/remove groups as needed.

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| **Group 1** | **Group 2** | **Group 3** | **Group 4** | **Group 5** | **Group 6** |
| [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ | [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ | [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ | [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ | [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ | [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ |
| **Group 7** | **Group 8** | **Group 9** | **Group 10** | **Group 11** | **Group 12** |
| [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ | [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ | [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ | [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ | [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ | [ ]  Sample A[ ]  Sample B[ ]  Sample C[ ]  Unknown \_\_ |