**Exit Ticket: Stars in the Clouds**

1. List one idea of where cosmic rays come from.
2. List two examples of cosmic particles - one type of primary particle and one type of secondary particle.
3. Sketch a particle track that you observed in the cloud chamber.

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**Potential Answers**

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1. Where do cosmic rays come from?

 ***Galactic:*** from outside our solar system, but usually from within our galaxy (the Milky Way).

 ***Anomalous:*** from interstellar (between stars) space at the edge of our solar system.

 ***Solar energetic particles (SEP):*** associated with solar flares.

1. List two examples of cosmic particles - one primary particle and one secondary particle.

 ***Primary particles:***

 ***Alpha particles***

 ***Beta particles***

 ***Gamma rays***

***Secondary Particles:***

 ***Pions***

 ***Muons***

 ***Neutrinos***

1. Sketch a particle track that you observed in the cloud chamber.

 ***Will Vary***