**Noteguide for Conservation Laws- Videos 32C Name**

**Conservation Laws:**

Charge Mass/Energy Nucleon #

**Conservation of Baryon number:** (All Baryons are B = +1, anti-Baryons are B = -1)



Example: Can the following reaction occur?

 p + n → p + p + $\overbar{p}$

Charge:

Mass/Energy

Baryon #

Watch all these videos, so you know you got it right:

|  |  |
| --- | --- |
|  (0) |  (-1) |
| (y) | (n) |
| (n) | Example |

**Example:**

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