Instructions. Prove by ~~using the definitions of even and odd integer~~.
  (1) On a separate sheet of paper, write the statement of your group's Lemma and your group's proof.
  (2) Turn in one paper per group.
  (3) Each group member should put their name (and Pin) on the BACK of the paper.
  (4) Please use 0.7 lead pencil (I hae some extras) and leave enough space for comments.

1. **Lemma SEE**. The sum of two even integers is an even integer.
2. **Lemma SEO**. The sum of an even integer and an odd integer is an odd integer.
3. **Lemma SOO**. The sum of two odd integers is an even integer.
4. **Lemma PEA**. The product of an even integer and any integer is an even integer.

. . . .

Below space is for your Thinking Land.