NAME __________________________________________________________

Identify the following arguments properly. If the argument is valid, mark it with a V. If it is invalid mark it with an I.

1. Yellow flowers are present in the Cooper garden.
   Not all roses are yellow.
   Thus, the Cooper garden doesn’t have any roses.

2. Unless she gets a waiver from her boss, Amber is going to pay the fee.
   Her boss decides in the end to give her a waiver, and then does so.
   Thus, Amber doesn’t pay the fee.

3. As a rule, sales staff will be evicted from the premises if they don’t carry a red sales pass.
   Veronica is a member of the sales staff, one with a red sales pass.
   Thus, Veronica won’t be evicted from the premises.

4. Jennifer needed some potatoes and went to the supermarket, buying some potatoes and cauliflower.
   All the food at the supermarket was contaminated with E. Coli.
   When Jennifer arrived home, she made a meal with potatoes and carrots.
   Thus, Jennifer’s meal is contaminated with E. Coli.

5. Nathan’s grandmother is Helen.
   Helen’s daughter is Mary.
   Thus, either Mary is Nathan’s mother or Nathan’s aunt.

6. All important documents are revised at some point in the history of their creation.
   The Magna Carta was never revised.
   Thus, the Magna Carta is not an important document.

7. Unless they are warm-blooded, animals in the zoo that have scales are fish.
   Reptiles are not warm-blooded, but they have scales.
   Thus, the zoo contains no reptiles.

8. Elephants are always bigger than mice.
   Mice are always smaller than cats.
   Thus, elephants are always bigger than cats.

9. Newspapers have all reported that Einstein’s paper on electrodynamics will be featured in an upcoming museum exhibit, next October.
   The museum will have moon rocks on display next October.
   Thus, the museum will be displaying both moon rocks and Einstein’s paper.

10. Torches are sometimes made entirely of wood.
    Wood does not exist in Morocco.
    Thus, there are torches in Morocco that are not made of wood.