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. Juniper is a plant that grows well indoors.
   Jill planted her juniper outdoors.
   Thus, Jill’s juniper will not grow well.
   INVALID (Juniper could grow well outdoors as well as indoors.)

2. Medical studies have uniformly reported that skin cancer patients with the particular kind of skin cancer cells called Recktivic cancer cells never respond favorably to skin grafts.
   Lorraine has the skin cancer with Recktivic cancer cells.
   Thus, Lorraine will not respond favorably to skin grafts if that’s the operation that she has done on herself.
   INVALID (The medical studies could be wrong.)

3. Igloos are made of ice and snow.
   Ice and snow melt if they are subject to hot temperatures.
   Daleth transported his igloo to the Gobi desert.
   Thus, Daleth’s igloo will probably melt soon.
   INVALID (Maybe there are a huge number of freezer units around the igloo pouring cold onto it to keep it frozen.)

4. When it is foggy and dark outside, maintenance workers who wear their bright orange jackets can be seen at night.
   It is dark outside.
   Harold is a maintenance worker.
   Harold can be seen at night.
   It is foggy outside.
   Thus, Harold is wearing an orange jacket.
   INVALID (Harold could wear a bright yellow jacket which is seen even better than an orange jacket.)

5. Jason is totally deaf throughout his life.
   A bird whistles.
   Thus, Jason does not hear the bird whistling.
   VALID

6. Derrick was convicted of embezzlement.
   Embezzlement is a crime.
   Thus, Derrick committed a crime.
   INVALID (Being convicted doesn’t imply that you are guilty. Maybe Derrick was framed.)
7. No mammals lay eggs.
   All furry, duck-billed animals swimming in Australian waters are mammals.
   Thus, no furry, duck-billed animals swimming in Australian waters lay eggs.
   VALID

8. Lara’s boss never gives anyone a key to the safe at work.
   Lara got one of her boss’s keys.
   Thus, the key Lara got does not open the safe at work.
   INVALID (Lara could have stolen the key to the safe.)

9. Peter is not serving any non-alcoholic drinks.
   Peter is serving his guests some kind of pink liquid as a drink.
   Thus, the pink liquid contains alcohol.
   VALID

10. Unless Gelfand registered his car, he will get a ticket.
    Gelfand won’t get a ticket.
    Thus, Gelfand registered his car.
    VALID