Example Problems:

Put the following statements into symbolic logic and then negate and express in natural conversational English.

There are Hokies who do not like Wahoos.

Everybody loves Science Fiction

Hardly anybody likes tornados.

Few people play the harp.

Not everyone wants to go.

There is at least one person who likes math.
No one disagrees with me.

Some people have visited the moon.

Birthdays happen to us all.

Find the Truth Set or counter example set for each statement below.
Farmer Brown has the following animals on his farm:
15 cows, 5 horses, 8 pigs, 3 goats, 30 sheep, 2 lamas, 3 ducks and
20 chickens.
Determine the truth set or the set of counter examples for each
statement below.
1) At least one animal on the farm is a horse.
2) There are a few chickens on the farm.
3) Not all the animals are chickens.
4) Some of the animals are cows.
5) Each animal on the farm has four feet.