Example Problems using single quantifiers:

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.