

```
set variable influx of cat pictures as rate of posting cat pictures usually + likelihood of posting a cat picture
set variable outflow of cat pictures as outflow of cat pictures
set variable number of cat pictures as number of cat pictures + influx of cat pictures - outflow of cat pictures
set variable influx of cats as rate of acquiring cats as pets + likelihood of adopting a cat after seeing a cat picture
set variable outflow of cats as outflow of cats
set variable number of cats as number of cats + influx of cats - outflow of cats
```