1-8-29

1. 3
2. Confusion matrix:

		Actual		
		Cat	Dog	Fox
	Cat	3	1	0
Pred	Dog	3	3	2
	Fox	1	0	2

3.   1. (3+3+2)/15 = .533
   2. Pcat = 3/4 = .75
   3. Pdog = 3/8 = .375
   4. Pfox = 2/3 = .667
   5. Rcat = 3/7 = .429
   6. Rdog = 3/4 = .75
   7. Rfox = 2/4 = .5
   8. F1cat = 2 *.75* .429 / (.75 + .429) = .5455
   9. F1dog = 2 *.375* .75 / (.375 + .75) = .5
   10. F1fox = 2 *.667* .5 / (.666 + .5) .5714