Frank Garcia Assignment 8 10/3/16

<u>1.7c</u>

parent(pam, ann) By rule 1 parent(pam, Y) parent(Y, ann) By fact parent(pam, bob), Y = bob parent(bob, ann)

Yes, by fact parent (bob, ann)

<u>2.1</u>

- a) Variable
- b) Atom
- c) Atom
- d) Variable
- e) Incorrect
- f) Structure
- g) Number
- h) Structure
- i) Structure
- j) structure

<u>2.3</u>

- a) Succeed (A = 1; B = 2)
- b) Fail
- c) Succeed (4 = plus(2,2))
- d) Succeed (E = 2; D = 2)
- e) Succeed (P1 = triangle(point(-1, 0)); P2 = point(1,0); P3 = point(0,Y))