Fred Morrison
CSC-366

Function: hex(f) = (0.5 / # predicates) + (0.5 / (1 + # defined expressions))

H1 - if sameP(A,B) ^ zeroP(C,D,E) ^ oneP(G) then ((A / B) + zeroX(C,D,E))
     hex(H1) = (0.5 / 3) + (0.5 / (1 + 1)) → .417

H2 - if sameP(A,B) and goalP(C,D,E) then ((A - B) + goalX(C,D,E))
     hex(H2) = (0.5 / 2) + (0.5 / (1 + 1)) → .50

H3 - if zeroP(A) and goalP(B) and numbersP(C,D,E) then (B + (A * (C * (D * E))))
     hex(H3) = (0.5 / 3) + (0.5 / (1 + 0)) → .667

H4 - if sameP(A,B) and goalP(C) and numbersP(D,E) then (C + ((A - B) * (D * E)))
     hex(H4) = (0.5 / 3) + (0.5 / (1 + 0)) → .667

H5 - if oneP(A) and zeroP(B,C,D) and onemoreP(E,G) then ((E - A) + zeroX(C,D,E))
     hex(H5) = (0.5 / 3) + (0.5 / (1 + 1)) → .417

H6 - if oneP(A) and oneP(B) and zeroP(C,D) and twomoreP(E,G) then ((E - (A + B))
+ zeroX(C,D))
     hex(H6) = (0.5 / 4) + (0.5 / (1 + 1)) → .375

H7 - if sameP(A,B) and sameP(C,D) and twomoreP(E,G)
          then (E - ((A / B) + (C / D)))
     hex(H7) = (0.5 / 3) + (0.5 / (1 + 0)) → .667

H8 - if twoP(A,B) and zeropP(C,D) and twomoreP(E,G)
          then ((E - twoX(A,B)) + zeroX(C,D))
     hex(H8) = (0.5 / 3) + (0.5 / (1 + 2)) → .333

H9 - if sameP(A,B,C,D,E,G) then (A + ((B - C) + (D - E)))
     hex(H9) = (0.5 / 1) + (0.5 / (1 + 0)) → 1