

Kevin Peters - klpeter2 - HW 1

$$\rho_1 = \{s \rightarrow 81, x \rightarrow 9\}$$

$$\rho_2 = \{sub_both \rightarrow < x \ y \rightarrow 20 - x - y, p_1 >\} + \rho_1$$

$$\rho_3 = \{s \rightarrow 9\} + \rho_2$$

$$\rho_4 = \{f \rightarrow < x \rightarrow 20 - s - x, \rho_3 >\} + \rho_3$$

$$\rho_5 = \{z \rightarrow 2, s \rightarrow 9, sub_both \rightarrow < 9 \ y \rightarrow 20 - 9 - y, \rho_{sub_both} = \{s \rightarrow 81, x \rightarrow 9\} >, x \rightarrow 9\}$$