

HW1

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1. $\rho_1 = \{a \rightarrow 20, x \rightarrow 5\}$
2. $\rho_2 = \{g \rightarrow \langle x \rightarrow x + (3 * a), \rho_1 \rangle\} + \rho_1$
3. $\rho_3 = \{a \rightarrow 123\} + \rho_2$
4. $\rho_4 = \{a \rightarrow 123\} + \rho_2$
5. $\rho_5 = \{b \rightarrow 431, a \rightarrow 123, g \rightarrow \langle x \rightarrow x + (3 * a), \{a \rightarrow 20, x \rightarrow 5\} \rangle, x \rightarrow 5\}$