

$$b_1 \leftarrow c_1$$

$$c_2 \leftarrow a_1 + c_1$$

$$d_1 \leftarrow a_1 + b_1$$

(a) Statements processed

$$v_1: a_1$$

$$v_2: b_1, c_1$$

$$v_3: v_1 + v_2, c_2, d_1$$

(b) Value numbers