

d.

top down live range

$$a = \{B_1 \ B_2 \ B_3 \ B_4\}$$

$$b = \{B_1 \ B_3 \ B_4\}$$

$$d = \{B_2 \ B_3 \ B_4\}$$

$$x = \{B_1 \ B_2 \ B_3 \ B_4\}$$

