

4. a) live range

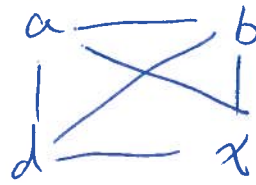
interference graph

$a = (1-8, 9-10)$

$b = (2 \sim 10)$

$d = (5 \sim 6, 8 \sim 9)$

$x = (3 \sim 4, 6, 7 \sim 9)$



b) spill cost

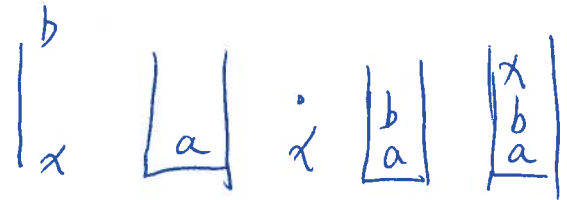
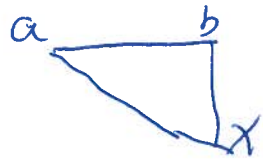
spill $d = r_4$

$a \ 7/3$

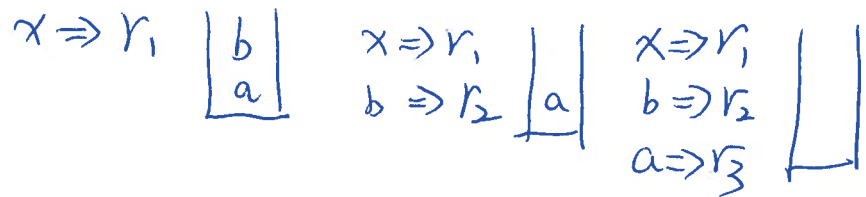
$b \ 4/3$

$d \ 4/3$

$x \ 6/3$



$b = d < x < a$



C.

