

cast
(int *) malloc (12)

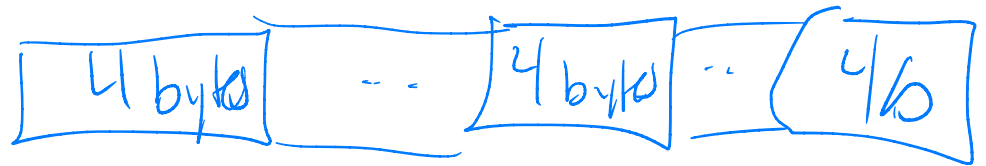
to an int pointer

12 bytes

contiguous

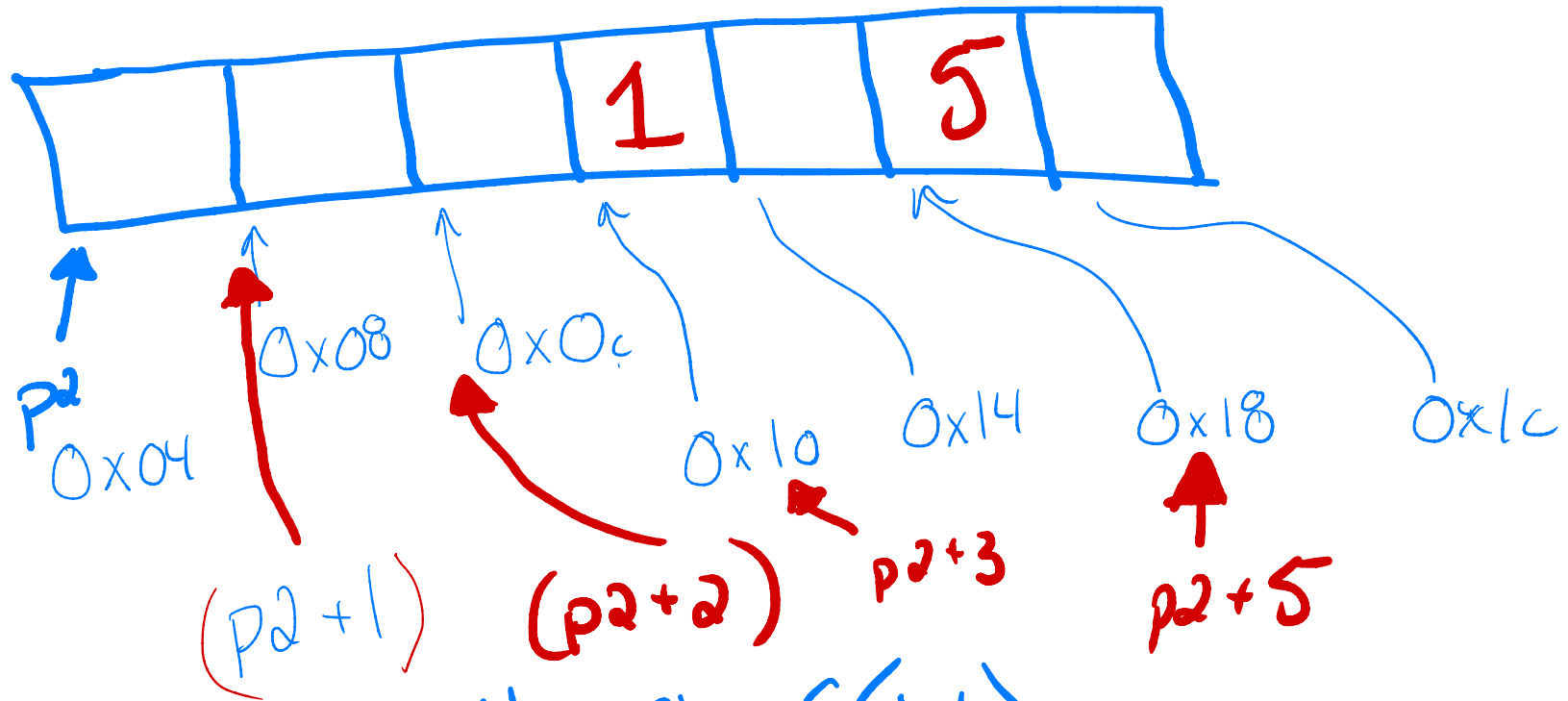
int x = 5;

double y = (double) x;



won't happen
know that it's contiguous

$p2 = (\text{int} *) \text{malloc}(7 * \text{sizeof}(\text{int}));$

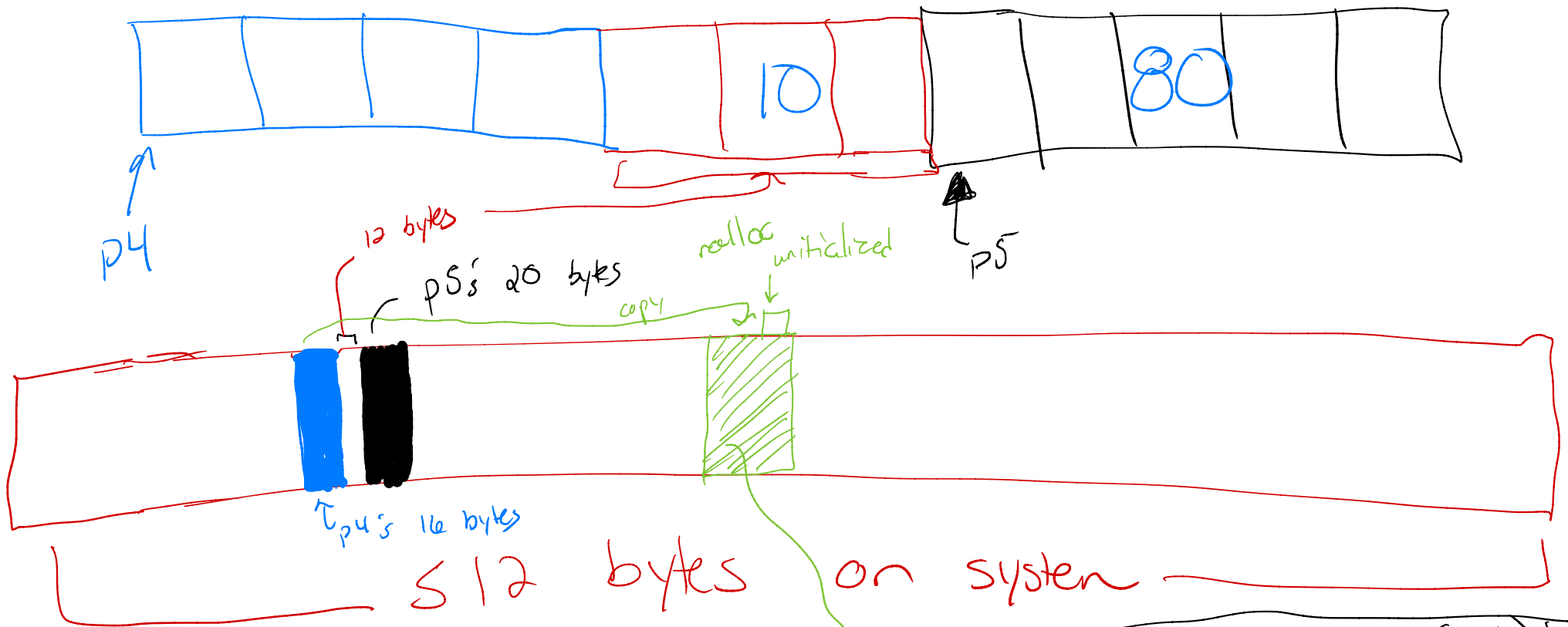


let's assume $4 = \text{sizeof}(\text{int})$

$$*(p2+5) = 5$$

$$*(p2+3) = 1$$

$\text{int } *p4 = (\text{int } *) \text{malloc}(4 * \text{size of } (\text{int}))$
 $\text{int } *p5 = (\text{int } *) \text{malloc}(5 * \text{size of } (\text{int}))$



$* (p4 + 9) = 80$
 $* (p4 + 5) = 10$

$\text{realloc}(p4, 10 * \text{size of } (\text{int}))$