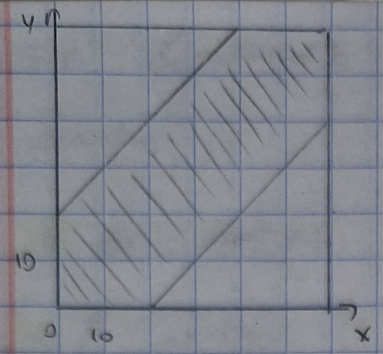



$$S = S_{кв} - 2S_{\Delta}$$

$$S = 60 \cdot 60 - 2 \cdot \left(\frac{1}{2} \cdot 40 \cdot 40\right) = 2000$$

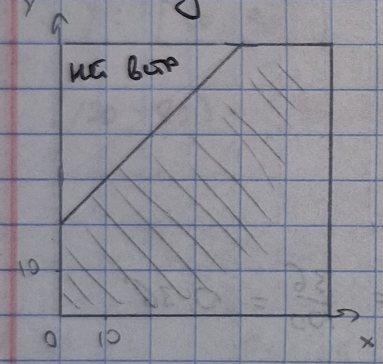
$$P(A) = \frac{2000}{3600} = \frac{5}{9} = 0{,}556$$

№5

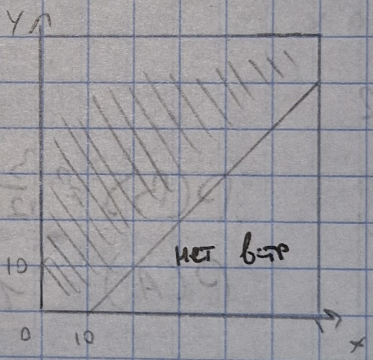
$A, B : [0, 60]$

$y - x \leq 20$

$x - y \leq 10$




$x \leq y$




$y \leq x$

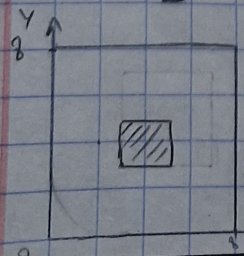
$$S_{(не\ быт)} = \frac{1}{2} \cdot 40 \cdot 40 = 800$$

$$S_{(не\ быт)} = \frac{1}{2} \cdot 50 \cdot 50 = 1250$$

$$P(A) = 1 - \frac{1250 + 800}{3600} = \frac{31}{72} = 0{,}431$$

№6

$r = 3$ $\quad a = 8$




$$P(A) = \frac{4}{64} = \frac{1}{16} = 0{,}063$$