B)
$$f(\text{Bepen} | \text{orrotopun} 2 \text{ norn egno u coupl})$$

$$= P(\text{Bepen} | A_2) \qquad P(\text{Bepen} | A_2 \text{ trypus}) P(\text{trypus}) + \dots$$

$$= \frac{2 \cdot (A_2 + \frac{1}{3} \cdot A_2)}{3 \cdot (A_2 + \frac{1}{3} \cdot A_2)} = \frac{2 + 36}{2 \cdot 26 + 36} = \frac{38}{88}$$

$$= \frac{2 \cdot (A_2 + \frac{1}{3} \cdot A_2)}{3 \cdot (A_2 + \frac{1}{3} \cdot A_2)} = \frac{2 \cdot 26 + 36}{2 \cdot 26 + 36} = \frac{38}{88}$$

(X1),2 ga obposybar 1)=? M x,y, K ga ospægyber D, x+&> 7 4+2>X nperiente

Ourolop:
$$\frac{1}{4} + \frac{1}{1/4} \frac{1}{4x} \frac{1}{4x}$$

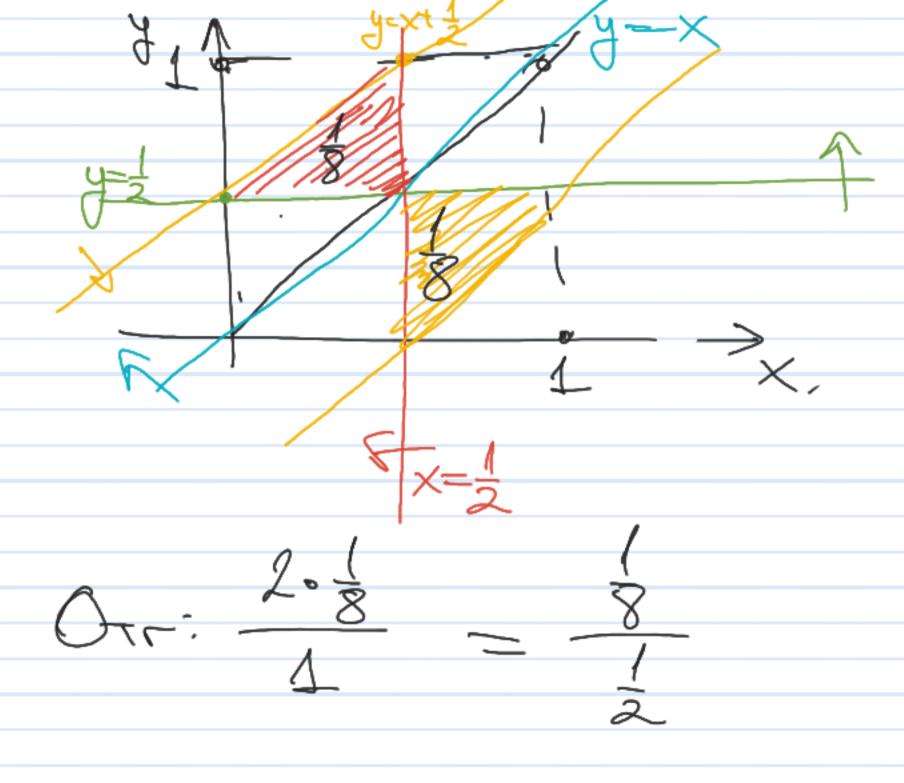
$$= \frac{1}{4} \left(\frac{1}{4} + \frac{1}{4x} \frac{1}{4x} \right)$$

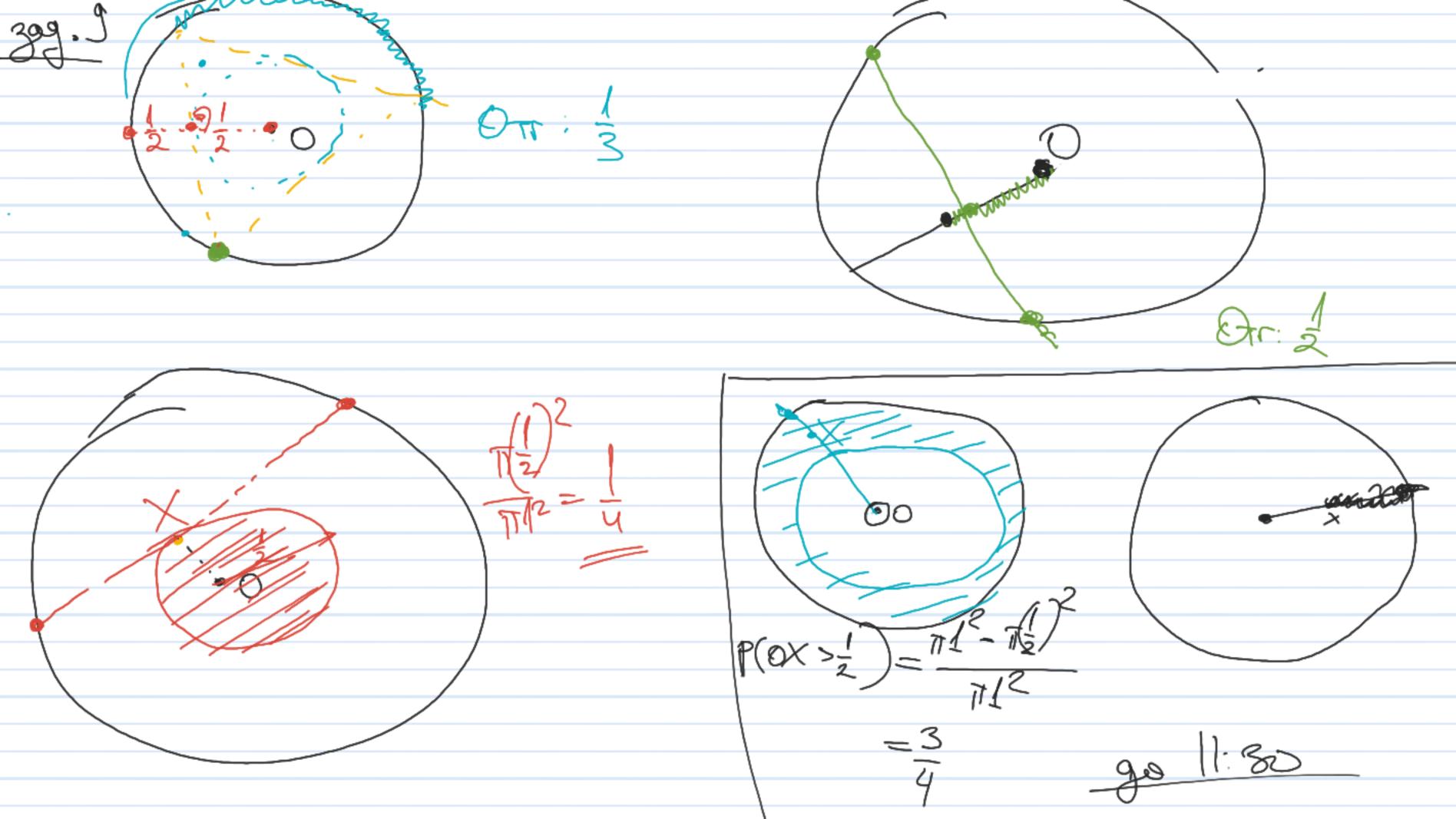
$$= \frac{1}{4} \left(\frac{1}{4} + \frac{1}{4x} \frac{1}{4x} \frac{1}{4x} \right)$$

$$= \frac{1}{4} \left(\frac{1}{4} + \frac{1}{4x} \frac{1}{4x} \frac{1}{4x} \frac{1}{4x} \right)$$

$$= \frac{1}{4} \left(\frac{1}{4} + \frac{1}{4x} \frac{1}{4x$$

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$$X = \sqrt{poti eguta}$$

$$X((\overline{t},\overline{t}) = 2, X((\overline{t},\overline{t}) = 0)$$

$$X((\overline{t},\overline{t}) = 1, X((\overline{t},\overline{t}) = 1)$$

$$P(X = 1) = P(\{w: X(w) = 1\})$$

$$= P(\{(\overline{t},\overline{t}), (\overline{t},\overline{t})\}) = \frac{1}{2}$$
guap. Cr. Ben. - X mprema upoen unu uz Sp. Seyp.
$$X = \frac{1}{4}$$

$$X$$

$$=\frac{\binom{10}{3}}{2^{10}} = \binom{10}{5}\binom{1}{2}\binom{10}{5}$$

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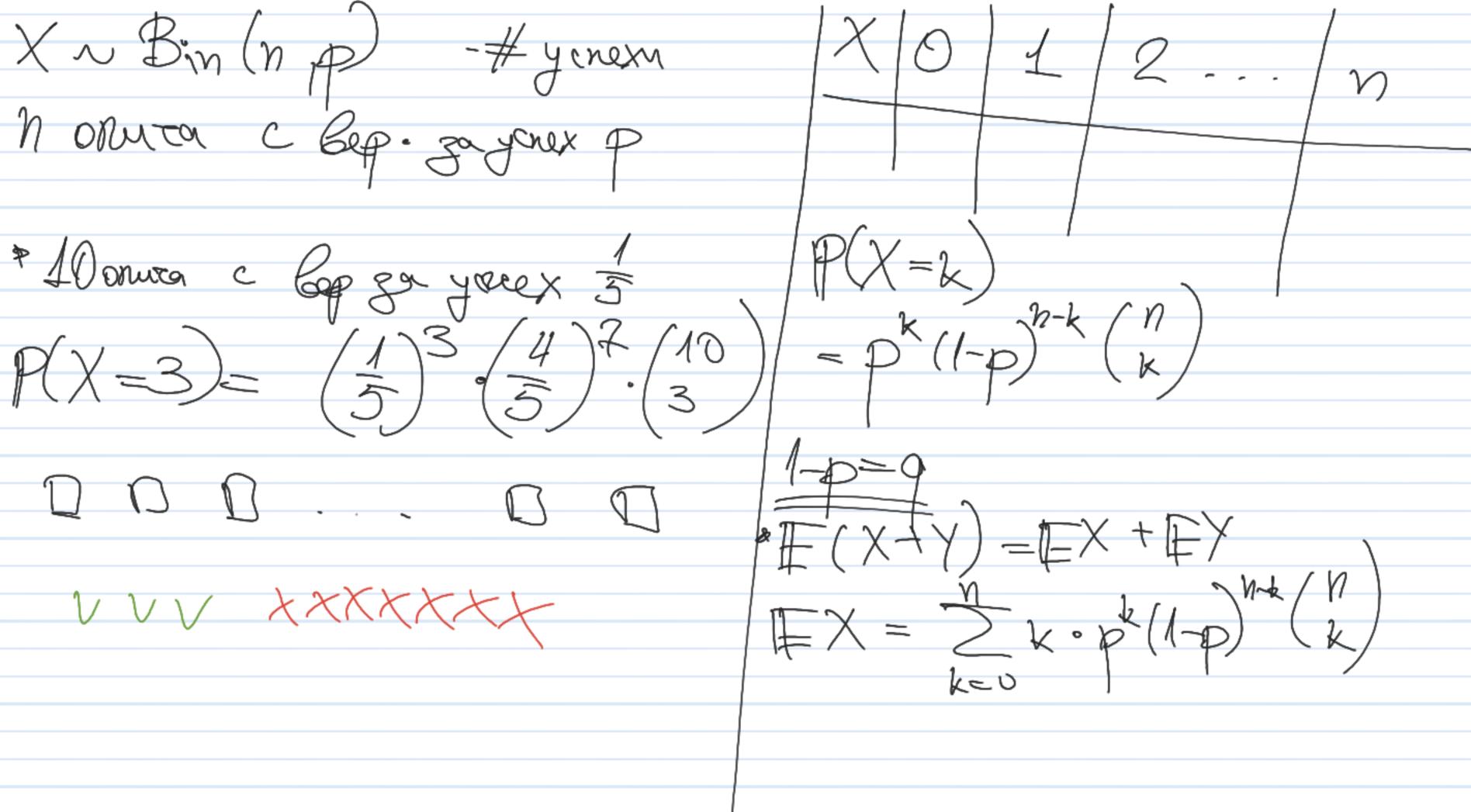
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X cregisa pagrip. For Dephyru crap p aro P(X=1)=P P(X=0)=1-P 0 1 TX=0-(1p)+1.p=p DX=EX-EX) -02.(1-p)+12.p-p



1 jako e yon. Opers he e