

b)
$$F_{X}(\zeta) = P_{X}(\zeta) = 0$$

c) $P_{X}(\zeta) = P_{X}(\zeta) = 0$

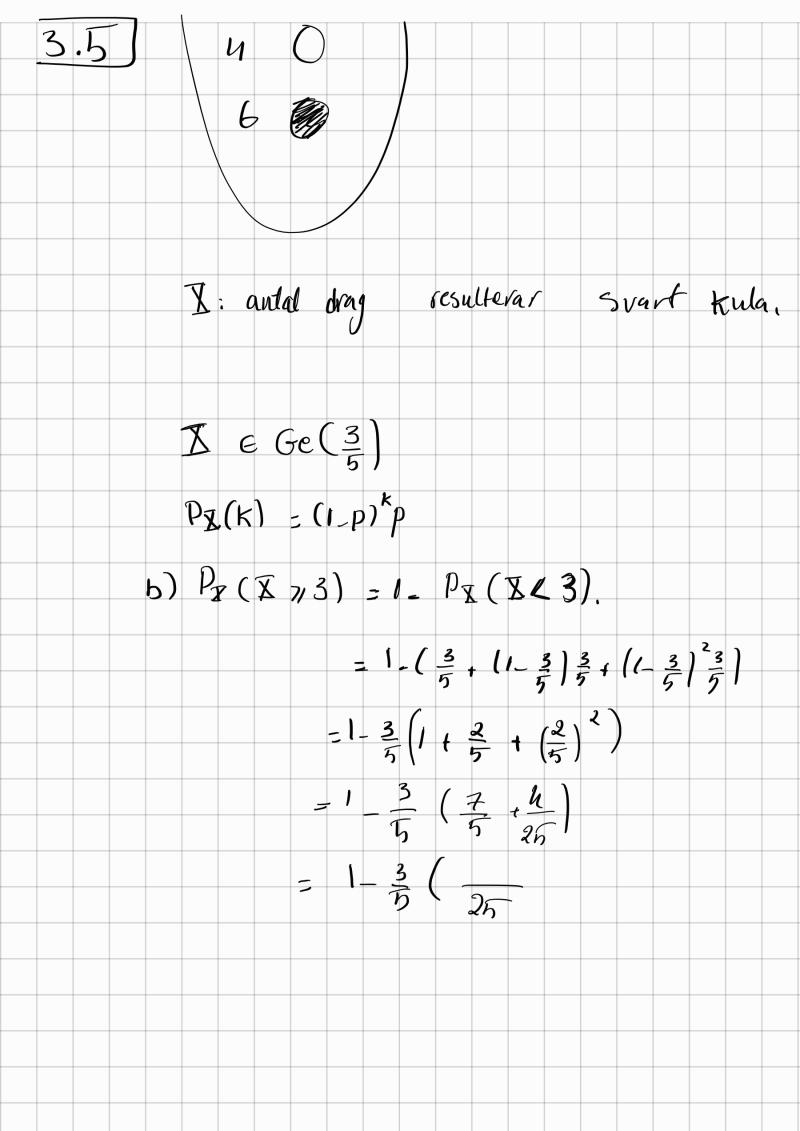
$$P_{X}(\zeta) = \frac{1}{4} + \frac{1}{6} + \frac{1}{6} = \frac{1}{6} + \frac{1}{12}$$

$$= \frac{1}{4} + \frac{1}{6} + \frac{1}{6} = \frac{1}{6} + \frac{1}{12}$$

$$= \frac{1}{4} + \frac{1}{12} = \frac{1}{4}$$

$$= \frac{1}{12} = \frac{1}{12}$$

$$= \frac{1}{12} = \frac{1}{12$$



3.5 a)
$$Y \in ffg(P_1 k)$$
.

 $P_1(Y_7,2): (\frac{3}{5})^{\frac{1}{5}} = \frac{1}{5}$
 $P_2(Y_7,2): (\frac{3}{5})^{\frac{1}{5}} = \frac{1}{5}$
 $P_3(Y_7,2): (\frac{3}{5})^{\frac{1}{5}} = \frac{1}$

5	3.7	-		X	_	5	0	1.	ζ,	3	1,				
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