TI	-D 4 -		Constitution 1	V I		
rne	discrete	random	variable /	x nas	propability	distribution

x	1	2	3	4	5	6
P(X = x)	0.3	0.1	0.2	0.1	0.1	0.2

The discrete random variable Y has probability distribution

y	2	3	4	5	6	7
P(Y = y)	0.3	р	0.2	0.1	р	3p + 0.05

It is claimed that $P(X \ge 3)$ is greater than $P(Y \le 4)$

Determine if this claim is correct.

Fully justify your answer.

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