

parameter	value	description
n	8	Number of watches selected
p	$\frac{1}{10}$	Chosen watch is defective
q	$\frac{9}{10}$	Chosen watch is non-defective
$\mu = np$	$\frac{8}{10}$	Mean of the distribution
$\sigma^2 = npq$	$\frac{72}{100}$	Variance of the distribution