	Step 3
	Info:
	· Machines produce 5% defective gadgets
	· Widgets are packed in crates of 1900 each
	· M= 95 -) 1900 · 0.05 = 95
	average defeative widgets = 95
	• Machines produce 5% defective gadgets • Widgets are packed in crates it 1000 each • M = 95 -> 1900 • 0.05 = 95 average defective widgets = 95 • pr (defective widgets ≥ 115)? 3 Question
2011lad	$B = Defective widget$ $P(B) = \begin{pmatrix} 1900 \\ 8 \end{pmatrix} 0.05 \begin{pmatrix} 0.05 \end{pmatrix}$
1 defeative	v (1900) 3 1900-3
widget	Pr(B) = (B) 0.05 (0.05)
	1900!
	$D(8) = B! (1900-B) \cdot 0.05^{8} \cdot (0.05)$
	This is what we
	E pr (B) are trying to answer
	B = 115