	No.
	Date:
	Nama : Ahsin Apri aenulyagin
	Nom : 5180411265 prod : Informatika
	prod: Informatica
7.	Jawaban
	k, = 5 baju
	$k_2 = 2$ Celana
	K3 = 2 ppi
	Kg = 3 dasi
	Kr = 4 separe
	K, XK2 X K3 X Ky XKs
	$5 \times 2 \times 2 \times 3 \times 4 = 240 \text{ cara}$
₹.	WANTED TO Cara
	a. C2 = 8! = 8.7.6x = 28
	21(8-2) 2161
	C 5
	$\frac{1}{1!} \left(5 - 11 \right) \times \frac{3!}{1! (3 - 1)} = \frac{5.4!}{1! (3 - 1)} \times \frac{3.2!}{11 \ 2!} = 15$
	q = 28
	15
	$\binom{6}{6}$ $\binom{8}{2} = 81 = 8.7.61 = 28$
	21(8-2 2161
	$C^{5} \times C^{4} = 51 \times 41 - 51.41$
	$\overline{1(s-1)}$ $\overline{1(y-1)}$ $\overline{1(y-1)}$
	1131
	= 20 Cara'

,	No.
	Date:
3.	a. Sefrap bola yang drambil dimarukan kembaci
	te dalam kotak
	merah = 6 7
	prefish = 4 / 15
	Biru = 5
	m: kejadian pertama bola merah
	M: kejadian pertama bola merah B: kejadian kedua bola biru
	B = Fegad an Fetiga béla bins
	B = Feral an Fetiga be(a bins a. $p(mn B nB) = p(m) p(B) p(B) = 6 \times 5 \times 5$
	12 15 15
	= 150
	3 3 7 5
	b. Setrap bola yang diambil traak dimasukan kembac
	te Balan kotak
	b. p(mgBgB) = p(m)p(B)p(B) = 6 x5 x4
	15 19 15
	= 120
	2370
4	a. Tidak ada
	6 Ada 2 Orang
	$p(x) = p(x = x) = e^{-\lambda} x^{x}$
	$a \cdot b(n) = e^{-2} 2^{0} = 0.1353$
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	No.
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	p(2) = e-2 22 = 0,2706
	2/
5.	Sampel acat sebanyat 8000 barang benzi kurang
	Dan 7 yang cacat 7
	P(x < 1) = \(\xi\) = \(\xi\) (x \(\frac{1}{2}\) 8000, 0,001) = \(\xi\)
	X=0 $X=0$
	= 0.3139
6.	
	Tenrukan probabilitar Dimana 2 Dañ 9 Komponen yang selanjutnya Diyi akon Dinyatakan layak 1
	mmus.
	$P(x=x)(x)p^{x}q^{n-x} x = 0,1,2,3$
	p = 0,75 = 3/9
	9 = 1 - 31 = 1/2
	1 /9 /9
	× = 2
	n = 4 h/x 1-/1/212 1. 14-2
	$P(x=2)=\left(\frac{3}{2}\right)\left(\frac{3}{2}\right)\left(\frac{1}{2}\right)$
	12/17/17/
	=6.6.1=27
	16 16 128
2	9. < 200 mg %
	1. Antara 200-275 mg %
	Ditefahui:
	x = 200 mg/2 = 275 mg/2
	u = 215 mg%

	No.
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	$Q \cdot Z = X - u = 2m$
	$\frac{1}{6} = \frac{200 - 215}{6} = -0.33 = 0.3707$
	Jag. : p (x < 200 mg/s) = 0,5 - 0.3707
	= 0./2.92
	6.2 = x - 11 = 275 - 215 = 1.33 = 0.9082
	6
	(/a8: p/200 ma 0/12 = 1
	(as. p (200 mg % < 275 mg/s) 0,3707 + 0,908
8.	=1.2789
	Jang Bikefahui
	u = 70
	6 = 20
	$X_i = 50$
	X, = 68
	Botas bawah
	Dara Parada
	Z = X -M = 10 - /0 = -20 = -1 = 0,1587
	6 20 20
	Bateur afar
	2 = x - le x 68 - 70 = -2 =-011 = 0.4562
	6 20
	p (50 <x -0,1)<="" 2="" <="" <68)="pc-1" th=""></x>
	P(30 CX CBO) - PC-1 - Z Z -O//)
	= pc 22-0,1)-pc 22-1)
	= p(222-0,1)-p(22-1) $= 0,1587-0.4562$
	=-0,2975
-	