d paper beller boy buys new paper for 33 cents each at ohne end of the day are sold as scrap at 5 cents each. New papers tan be purchased in bundle 5 cents each. New papers can be purchased in bundle 50. Thus the paper seller boy can buy 50,60+ 50 on. There are 8 types 5 newsdays, good, fair of poor with probabilities 0.35,0.45 and 0.2.

The distribution of papers demanded on each of these days is given. The problem is to determine other optimal number of papers the newpaper seller should purchase. This will be accomplished by simulating demands for 20 days to recording profits from solds each day. The news paper seller buys to bundles each day.

Distribution	a newspapers		demanded	
Demand	psopo			
	Good	Fair	Poor	
40	0.03	6.16	0.44	
50	0.05	011 8 20-41	6-22	
60	0.15	0.40	0.16	
70	0.20	0.20	0.12	
80	o· 36	61 - 02 O. O8 50 - 67	0.04	
90	0.15	0.04	0.00	
100	0.07	0.00	0.00	

Types of	Probabili	7
	0.35	1-35
good	B·45	34-80
fair	0.20	e- o

Random digits

i) types of newdays: 94, 77, 49, 45, 43, 32,49,00,16, 24,31, 14,41,

el, 85, 08, 15,97,75

ii) Demand: \$0, 20, 15, 98, 94, 55, 86, 73, 44, 56, 66, 24, 18, 96, 93, 73,

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		A B	1 My Class			Navy	-
Day	Type s newsda	}	Revenue from sales (\$)	0	brome of some of	Dairy Dairy	
1.	poor	60	30	-	0.5	7.4	
ع.	fair	50	25	_	1.	ه. ه	
3.	fair	50	25	_	1	2 · 9	
4.	fair	#e	35	(د - ت	_	11.9	
5.	fair	90	35	20(50-33) 30 4	_	8.3	
6.	good	80	35	4.7	-	18.2	
7 :	fair	70	35	-	-	11.9	
8.	B 2084	80	38	3-4	6.5	74	
9.	grood	70	85	-	-	11 · q	
ю.	good	80	35	五 ·7	-	18.5	
u.	good	80	35	1 .7	-	16.3	
12 ·	grood	70	35	-	-	11 · 9	
13.	fair	50	25	_	1	2 .9	
14.	fair	80	35	5 .7	_	16.2	
15.	poor	70	35	-	-	11.9	
16.	good	80	35	5 .7	2	16.2	
17.	good	60	% 0	_	0.5	7.4	
18.	poor	50	9 5	_	1	و.9	
19 -	fair	70	35	-	n).	41.9	
20.	fair	% 0	35	3 ·7·	_	10.3	

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