What does CDF stand for?

シ Cummulative

Distribution function

E[x? - Sng(y)

Given the table of the pmf for a random variable. Find F(x)

X	1	2	3	4	5
<i>f(x)</i>	.2	.25	.15	.22	.18
F(x)	0.2	0,45	m 1	6 .5	٩



X	1	2	3	4	5	6	7	8
<i>F</i> (<i>x</i>)	.08	.15	.26	.43	.78	.82	.88	1.00
Determine	a) P()	۲ < 5)	b) <i>P</i> ((<i>X</i> ≤ 3)	c) <i>P</i>	$(6 \leq X)$		

The CDF of a random variable is given below.

	d) <i>P</i> (2 ≤ <i>X</i>)	e) <i>P</i> (3≤ <i>X</i> <7)	f) <i>P</i> (3 < <i>X</i> ≤ 7)	g) <i>P</i> (<i>X</i> ≤ 4.5)
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20. Determine the value(s) of c that makes the table below a CDF.

x	1	2	3	4	5	6	7	8
<i>F(x)</i>	.2	.25	.45	.55	С	.87	.95	1.00

21. Determine the value(s) of c that makes the table below a CDF.

X	1	2	3	4	5	6	7	8
F(x)	.1	.25	.46	С	.71	.72	.86	1.00

PAL SI SESSION

0.965

2× 0.965



