1. A Random Variable has the following distribution

X	1	2	3	4	0.5	0.6
p(x)	0.01	0.5	0.01	0.01	0.02	0.01

find

(a) $E(x)$

(b) $p(x \leq 4)$

(c) $p(x \geq 5)$

2. A Random Variable has the following distribution

X	1	2	3	4	5	6
p(x)	k	0.01	0.5	0.01	0.02	0.02

find

(a) the value of 'k'

(b) Mean

(c) $p(2 \leq x \leq 5)$

(d) $p(x \geq 3)$