

x	$f(x)$
-----	--------

1	0.15
---	------

2	0.20
---	------

3	0.05
---	------

4	0.40
---	------

5	0.20
---	------

$$E(X) = 3.3$$

$$\text{Var}(X) = 1.91$$

y	$f(y)$
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10	0.10
----	------

20	0.40
----	------

30	0.40
----	------

40	0.10
----	------

$$E(Y) = 25$$

$$\text{Var}(Y) = 65$$