

Name: _____

1. Exercise 6.2 from the text.

(a)

(b)

2. Exercise 6.3 from the text.

(a)

(b)

3. Exercise 6.5 from the text.

(a)

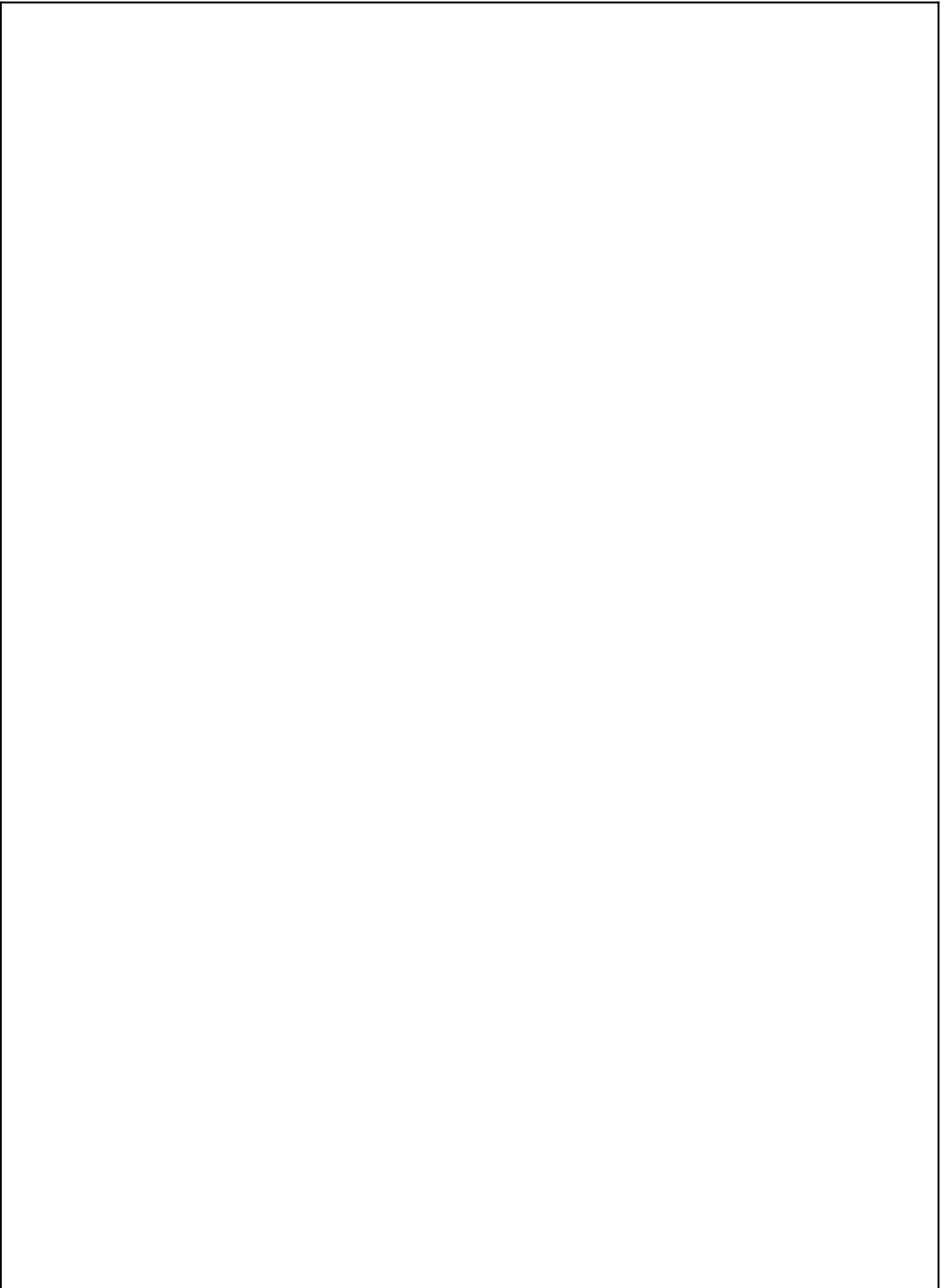
(b) X-marginal:

Y-marginal:

(c)

(d)

4. Exercise 6.6(a) from the text



5. Exercise 6.8acd from the text

(a)

(c)

(d)

6. Exercise 6.10 from the text (explain briefly)

Joint density:

$P(X < Y)$:

7. Exercise 6.12 from the text

Independence:

X and Y marginals: