

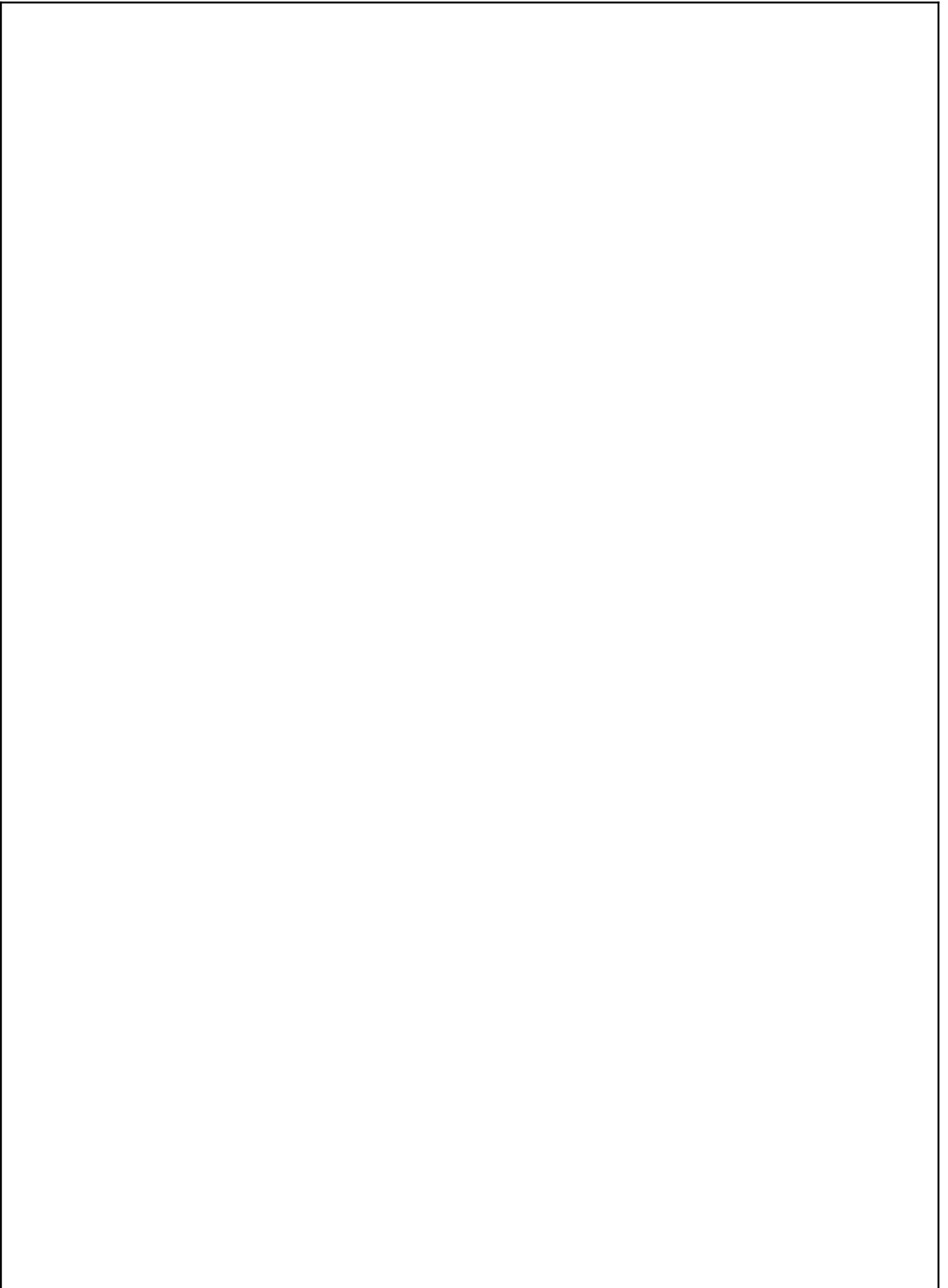
Name: \_\_\_\_\_

1. Exercise 5.2(a) from the text.

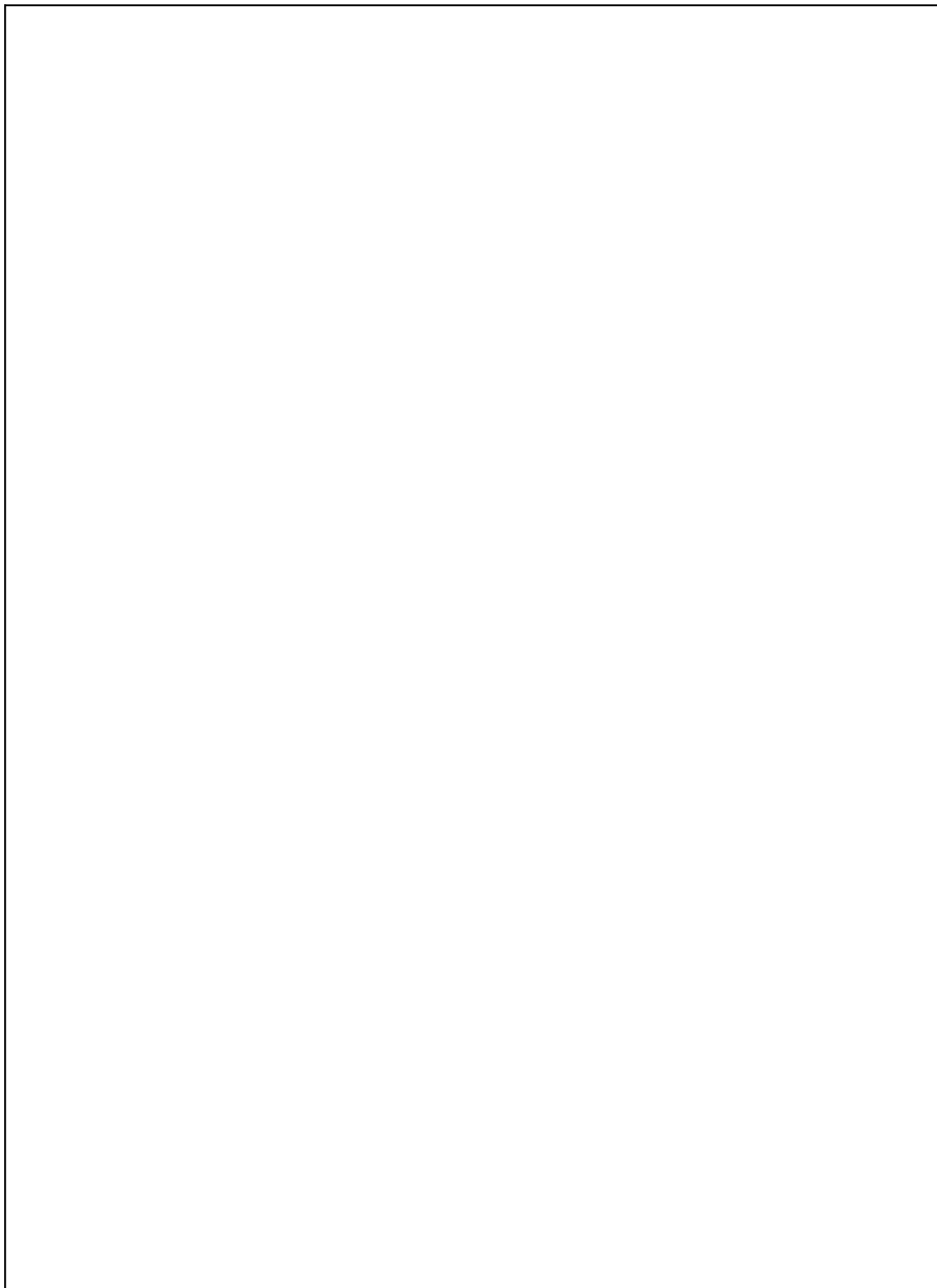
Mean:

Variance:

2. Exercise 5.3 from the text.



3. Exercise 5.6 from the text.



4. Exercise 5.10 from the text

Blank area for solution to Exercise 5.10.

5. Exercise 5.13 from the text

Using MGF:

Using distribution of Y:

Large blank area for solution to Exercise 5.13, covering both the MGF and distribution of Y methods.

6. Exercise 5.20 from the text

(a)

(b)

7. Exercise 5.24a from the text

