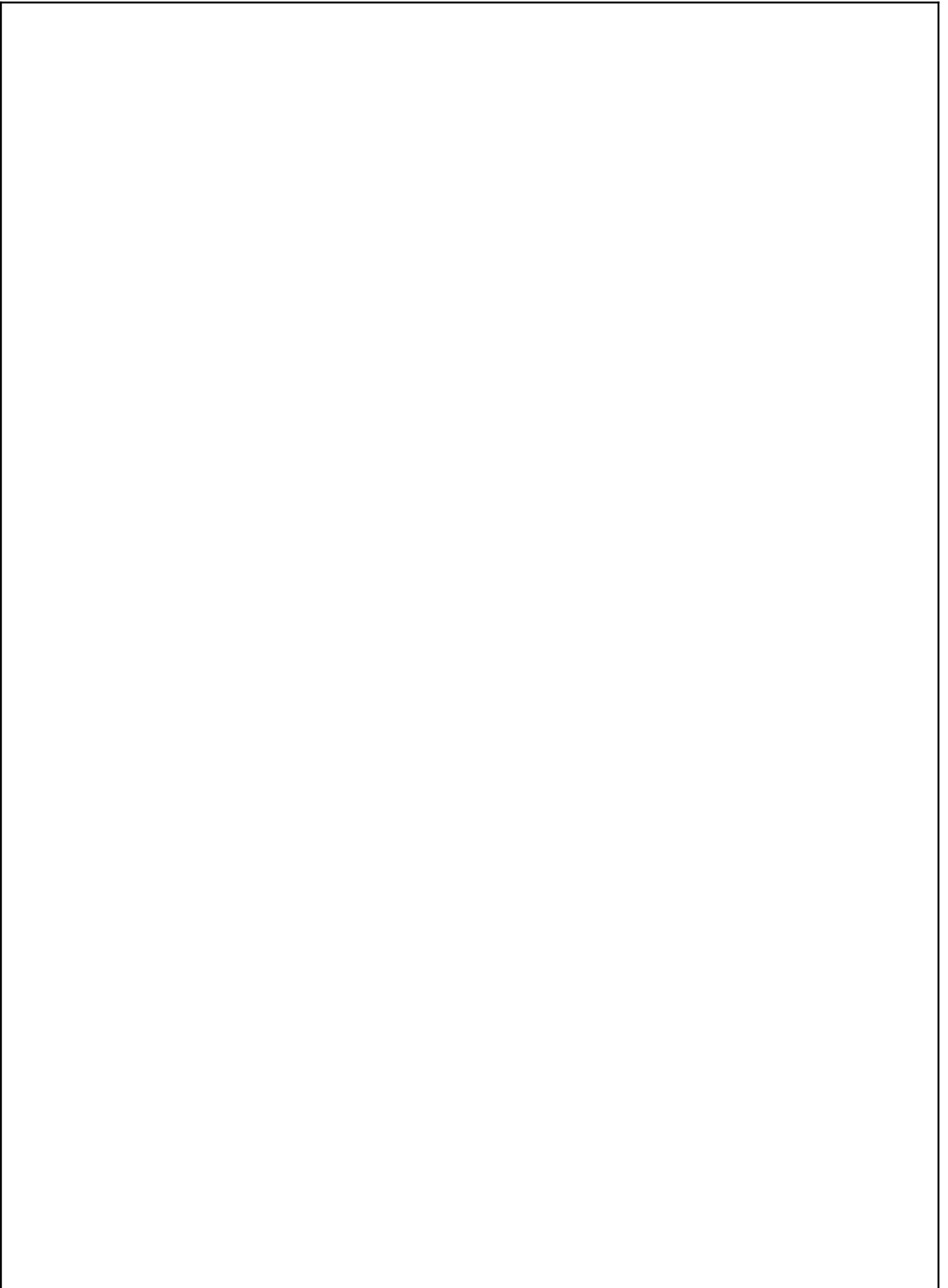Name:_____

1. Exercise 5.2(a) from the text.

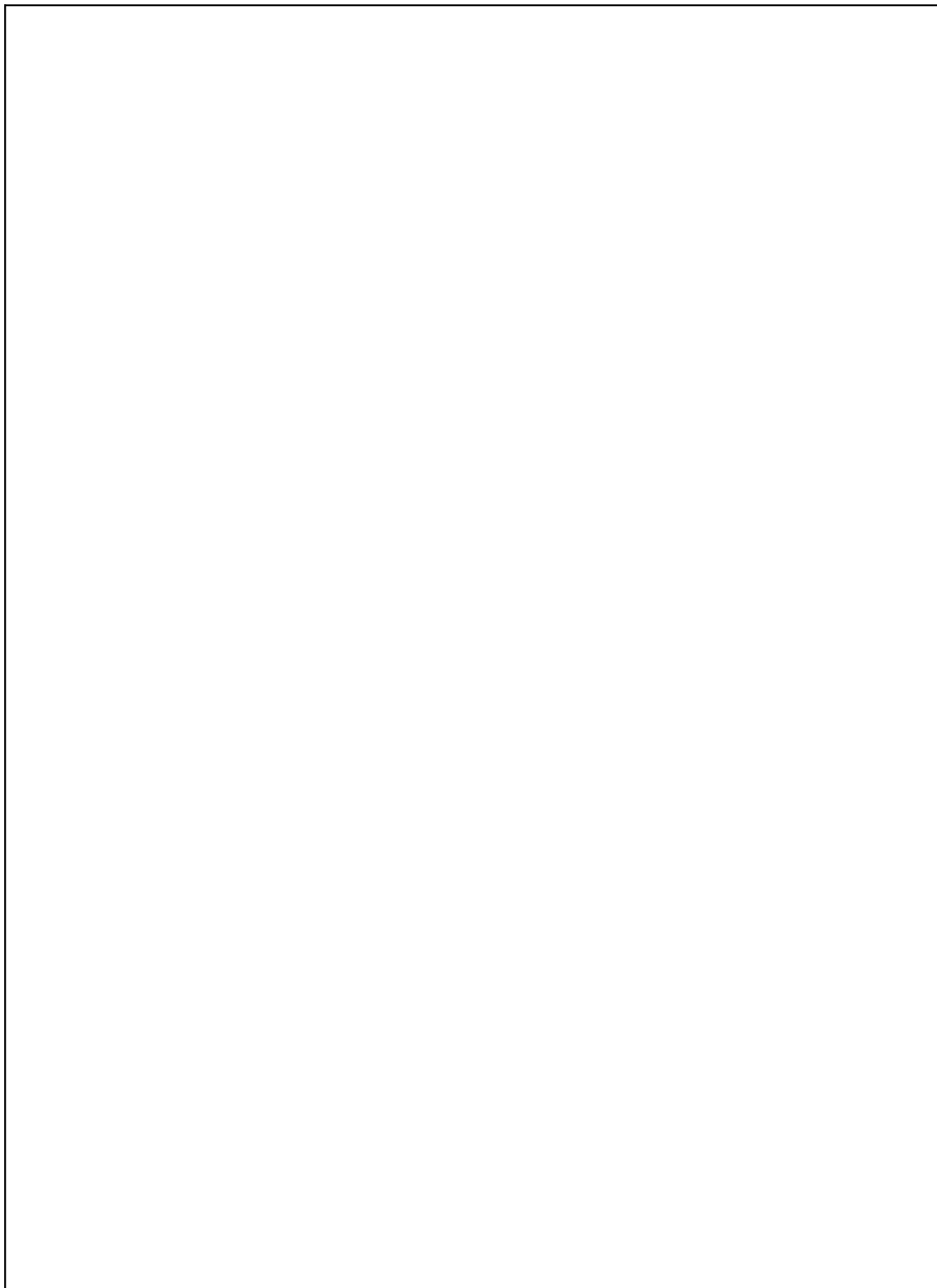   Mean:

   Variance:

2. Exercise 5.3 from the text.

3. Exercise 5.6 from the text.

4. Exericse 5.10 from the text

5. Exercise 5.13 from the text

Using MGF:

Using distribution of Y:

6. Exercise 5.20 from the text

(a)

(b)

7. Exercise 5.24a from the text