

The following are Homework assignments are from

“A FIRST COURSE IN PROBABILITY” 7<sup>th</sup> Edition by Sheldon Ross

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#### **HW#1**

##### **Chapter 1 COMBINATORIAL ANALYSIS**

Examples:

2a 2b 2c 2d 2e

3a 3b 3c 3d 3e 3f

4a 4b

5a 5b 5c

6a 6b 6c

#### **HW#2**

##### **Chapter 2 AXIOMS OF PROBABILITY**

Examples:

3a 3b

5a 5b 5c 5f 5g 5i

7a

#### **HW#3**

##### **Chapter 3 CONDITIONAL PROBABILITY AND INDEPENDENCE**

Examples:

2a 2b 2c 2e 2f 2g

3a (part) 1 3a (part 2) 3f 3i 3j

4a 4b 4c

5a

#### **HW#4**

##### **Chapter 4 RANDOM VARIABLES**

Examples:

1b

2a

3a 3d

4a

5a

6a 6c 6d 6h

8g

### **HW#5**

#### **Chapter 5 CONTINUOUS RANDOM VARIABLES**

Examples:

1a 1c

2a 2b

3a 3b

4b 4c 4d

5a 5b 5e

7a 7d

### **HW#6**

#### **Chapter 6 JOINT DISTRIBUTION FUNCTIONS**

Examples:

1c 1e

3c

4a

### **HW#7**

#### **Chapter 7 PROPERTIES OF EXPECTATION**

Examples:

2b 2c 2f

4b

5b 5c

### **HW#8**

#### **Chapter 8 LIMIT THEORMS**

Examples

2b

3c

5a