8.1.1(a)

357

8.1.1(c)

263 + 354

8.1.2(b)

407 + 408 + 409

8.2.3(a)

B9 = 29 = 512

E10 = 210/2 = 512

|B9| = |E10|

The set En’s cardinality is equal to the cardinality of Bn divided by two

8.2.5(c)

Yes, k=2

For Every f(x) there is the set x that has Don ahead of Gene and a set x that had Gene ahead of Don

8.2.5(d)

|T| = 1814400

8.3.3(a)

103 \* 264

8.4.1(c)

75

8.4.1(d)

2520

8.4.3(b)

9! \* 2

8.5.2(c)

35

8.5.2(d)

70

8.5.4(b)

2376

8.5.7(b)

C(8,3) \* C(6,2)

8.6.4(a)

C(100,9)

8.7.3(a)

254

8.7.4(a)

2,903,040

8.8.4(b)

305,540,235,000

8.8.6(a)

C(100,35) \* C(65,20) \* C(45,25) \* C(20,20)

8.9.2(b)

6188

8.10.2(b)

52,521,875

8.11.2(c)

638

8.12.20(c)

48

8.12.20(d)

720

8.12.24(a)

C(42,5)