Math 1313
Homework 18
Section 6.2

1. The choices for problem number 6 from the book are given below.
    a. 0.99
    b. 0.09
    c. 1
    d. 0.01
    e. None of the above.

2. The choices for problem number 10 from the book are given below.
    a. 0.1538
    b. 0.0769
    c. 0.3077
    d. 0.4129
    e. None of the above

3. The choices for problem number 14 from the book are given below.
    a. 0.1111
    b. 0.3889
    c. 0.8889
    d. 0.1667
    e. None of the above.

4. The choices for problem number 18 from the book are given below.
    a. 0.1529
    b. 0.6544
    c. 0.3049
    d. 0.5015
    e. None of the above.

5. The choices for problem number 24 from the book are given below.
    a. 0.7826
    b. 0.2174
    c. 0.4565
    d. 0.3261
    e. None of the above.

6. The choices for problem number 28 from the book are given below.
    a. 0.15
    b. 0.79
    c. 0.71
    d. 0.21
    e. None of the above.

7. The choices for problem number 32 from the book are given below.
    a. 0.60
    b. 0.06
    c. 0.40

    d. 0.04

    e. None of the above.

8. The choices for problem number 36 part a from the book are given below.

    a. S = {6, 12, 18, 54, 125, 185}

    b. S = {Vanilla, Chocolate, Red Velvet, Lemon, Italian Cream, Carrot}

    c. S = {400}

    d. None of the above

9. The choices for problem number 36 part c from the book are given below

    a.

Flavor	Vanilla	Chocolate	Red Velvet	Lemon	Italian Cream	Carrot
Probability	0.3125	0.4625	0.135	0.15	0.3	0.45

    b.

Flavor	Vanilla	Chocolate	Red Velvet	Lemon	Italian Cream	Carrot
Probability	1.25	1.85	0.54	0.06	0.12	0.18

    c.

Flavor	Vanilla	Chocolate	Red Velvet	Lemon	Italian Cream	Carrot
Probability	0.3125	0.4625	0.135	0.015	0.03	0.045

    d.

Flavor	Vanilla	Chocolate	Red Velvet	Lemon	Italian Cream	Carrot
Probability	0.125	0.185	0.054	0.006	0.012	0.018

    e. None of the above

10. The choices for problem number 38 part d from the book are given below.

    a. 0.635

    b. 0.180

    c. 0.045

    d. 0.340

    e. None of the above.