STAT 410 - Section 1 - Fall 2021 Homework #03

Sharvi Tomar

TOTAL POINTS

10 / 10

QUESTION 1

4 10 pts

1.1 4hi 1.5 / 1.5

√ - 0 pts Correct

- 0.5 pts h) Answer not correct
- 0.5 pts i) Answer not correct

1.2 4jk 1.5 / 1.5

√ - 0 pts Correct

- **0.5 pts** j) Answer not correct
- 0.5 pts k) Answer not correct

1.3 4 1 1 / 1

√ - 0 pts Correct

- **0.5 pts** Wrong limits in the integral for P(Y>3.6, X>1.6)

- 0.5 pts Wrong limits in the integral for P(X>1.6)

1.4 4mn 2/2

√ - 0 pts Correct

- 0.5 pts Wrong limits of integral in 4n
- 0.5 pts Wrong limits of integral in 4m

1.5 4op 2/2

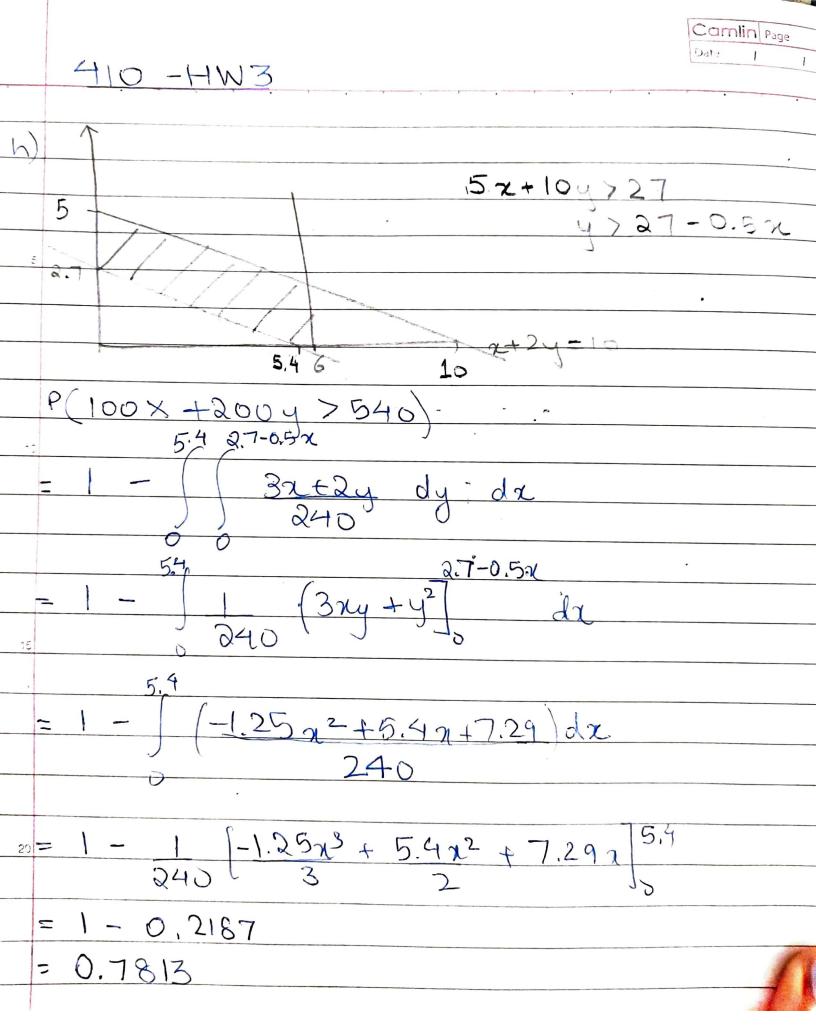
√ - 0 pts Correct

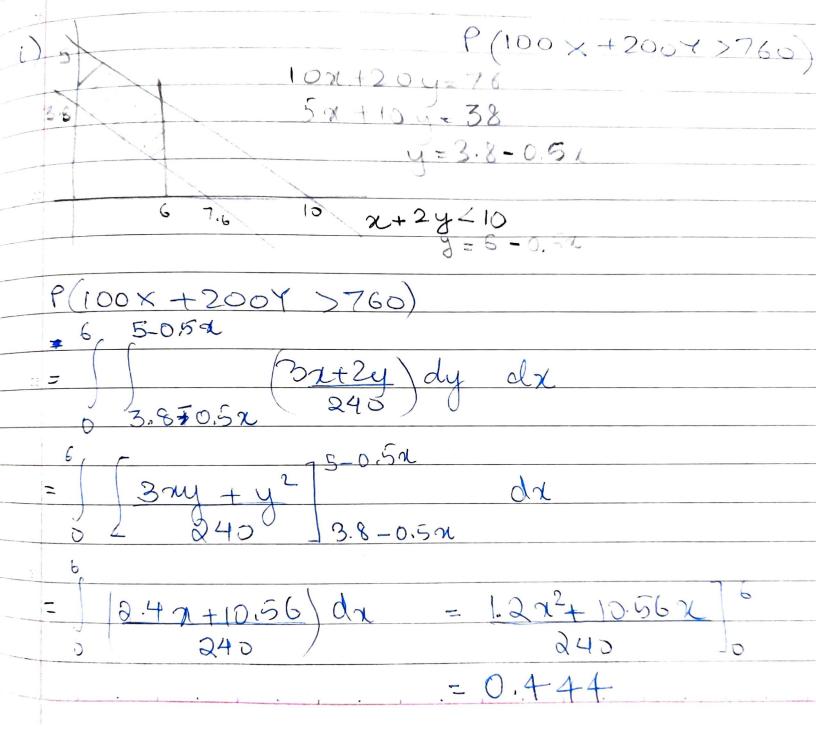
- 0.5 pts (o) Incorrect setup
- 0.5 pts (o) Incorrect answer
- 0.5 pts (p) Incorrect setup
- 0.5 pts (p) Incorrect answer

1.6 4q 2/2

- **0.5 pts** 0<y<2 Incorrect setup
- 0.5 pts 0<y<2 Incorrect answer
- 0.5 pts 2<y<5 Incorrect setup

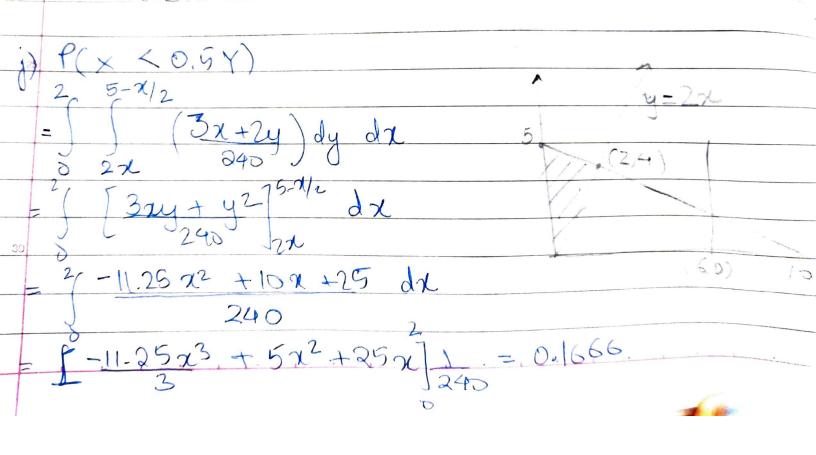
- 0.5 pts 2<y<5 Incorrect answer
- 1 pts Incorrect by summing up the two cases.
- 1 pts Incorrect by taking wrong support for y



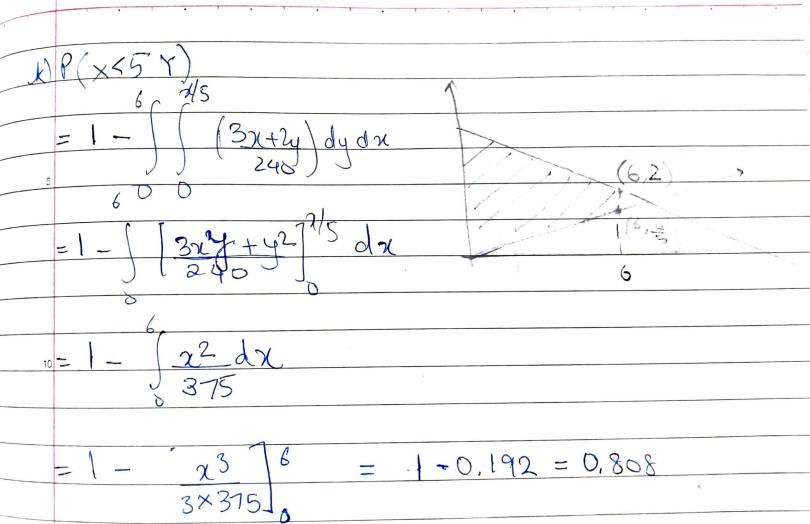


1.1 4hi 1.5 / 1.5

- √ 0 pts Correct
 - 0.5 pts h) Answer not correct
 - **0.5 pts** i) Answer not correct

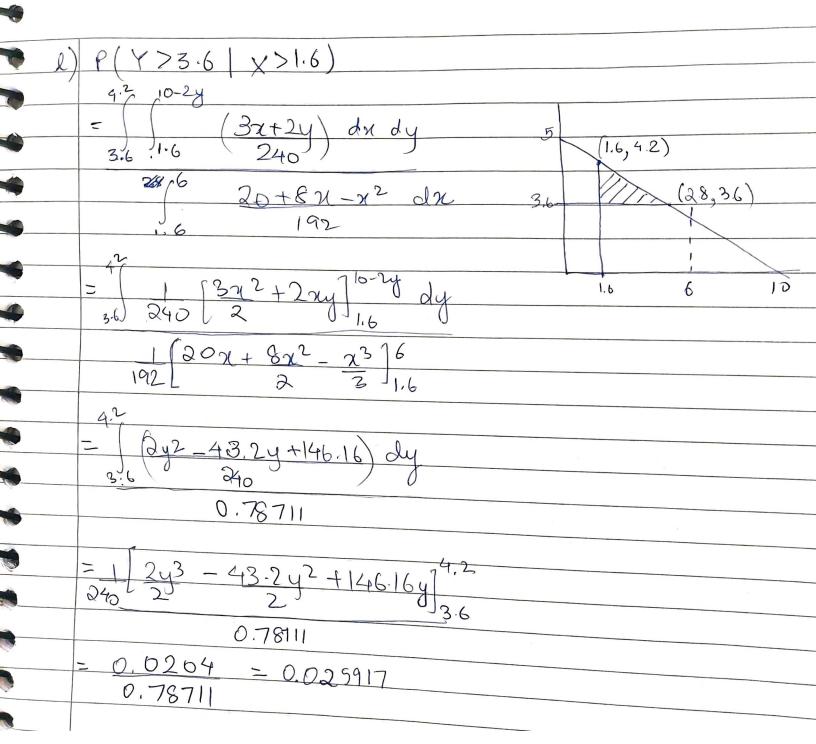






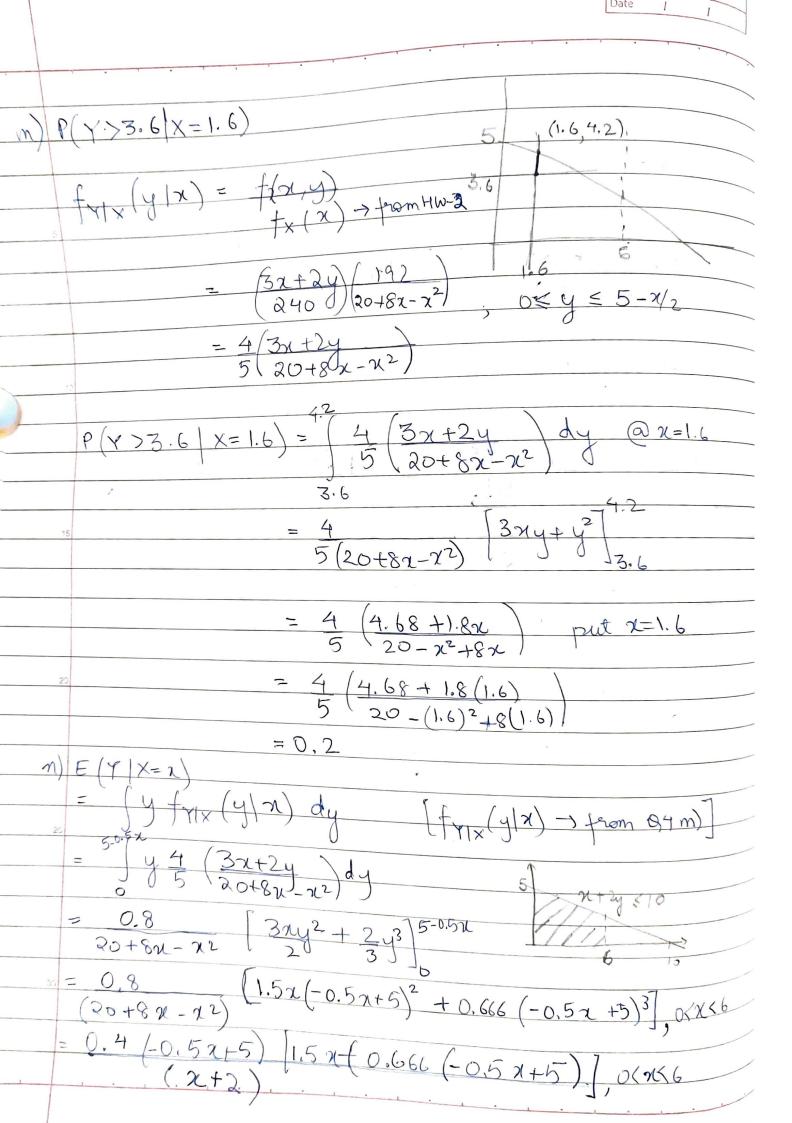
1.2 4jk 1.5 / 1.5

- √ 0 pts Correct
 - **0.5 pts** j) Answer not correct
 - **0.5 pts** k) Answer not correct



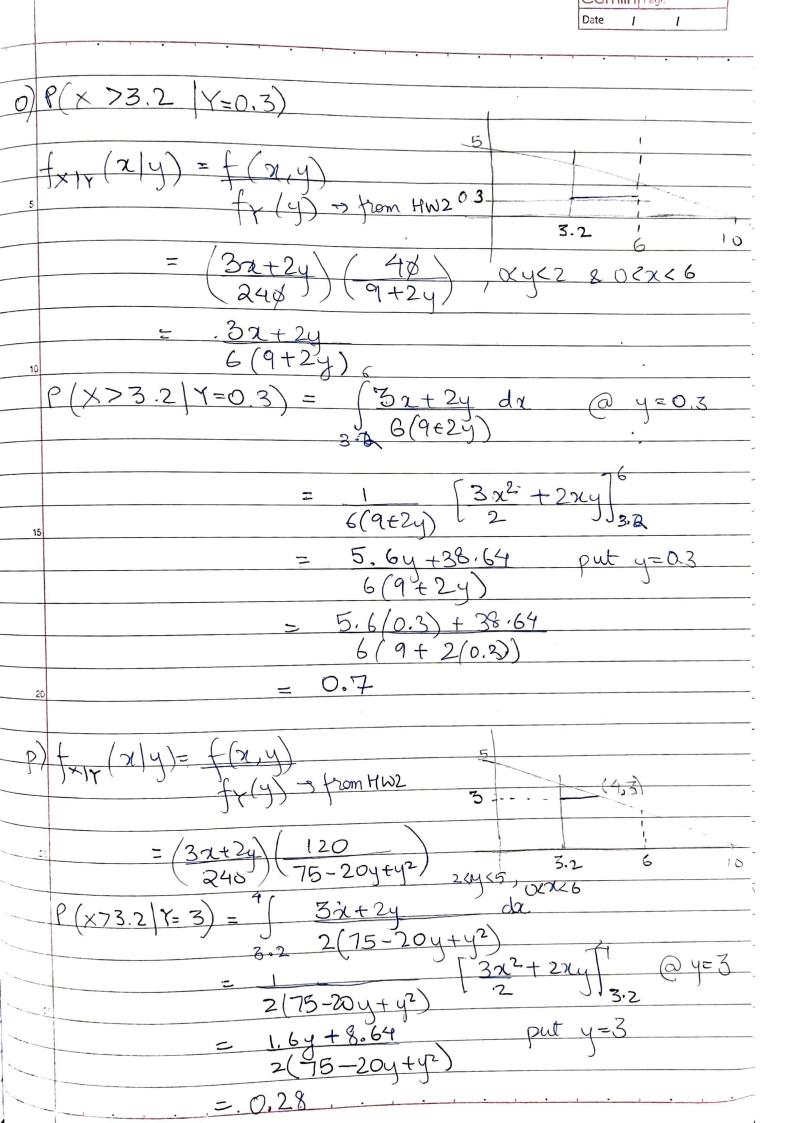
1.3 41 1 / 1

- √ 0 pts Correct
 - **0.5 pts** Wrong limits in the integral for P(Y>3.6, X>1.6)
 - **0.5 pts** Wrong limits in the integral for P(X>1.6)



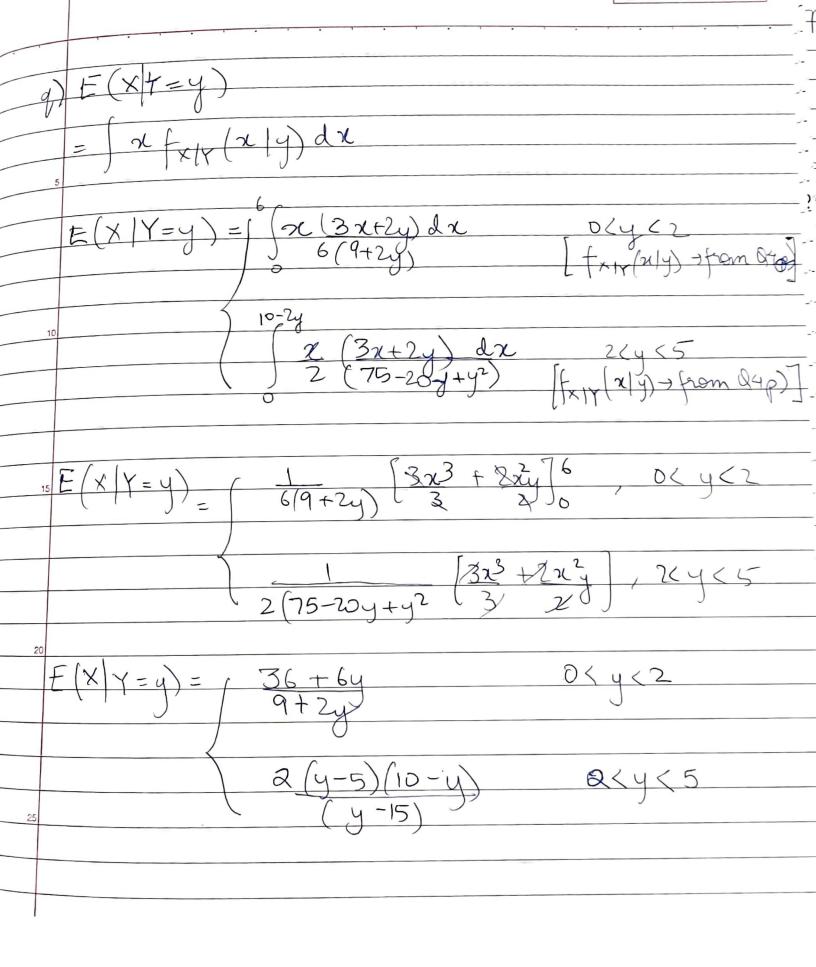
1.4 4mn 2 / 2

- **0.5 pts** Wrong limits of integral in 4n
- **0.5 pts** Wrong limits of integral in 4m



1.5 4op 2 / 2

- 0.5 pts (o) Incorrect setup
- 0.5 pts (o) Incorrect answer
- 0.5 pts (p) Incorrect setup
- 0.5 pts (p) Incorrect answer



1.6 4q 2/2

- **0.5 pts** 0<y<2 Incorrect setup
- **0.5 pts** 0<y<2 Incorrect answer
- **0.5 pts** 2<y<5 Incorrect setup
- **0.5 pts** 2<y<5 Incorrect answer
- 1 pts Incorrect by summing up the two cases.
- 1 pts Incorrect by taking wrong support for y