

Team Number: (replace this)

Notes: Remember that this sheet comes first in your solutions. You should submit solutions for the problems in increasing order. Write on one side of the page only. The start of a solution to a problem should start on a new page. Please mark which questions for which you submitted a solution to help us keep track of your solutions.

Problem Number	Points	Attempted?
1.3.1	10	
1.3.2	5	
1.3.3	5	
1.3.4	5	
1.3.5	10	
1.3.6	15	
1.3.7	5	
1.3.8	5	
1.3.9	10	
1.3.10	10	
1.3.11	10	
1.3.12	25	
1.3.13	20	
1.4.1	15	
1.4.2	15	
1.4.3	15	
1.4.4	5	
1.4.5	5	
1.4.6	15	
1.4.7	10	
1.4.8	25	
1.4.9	10	
2.1.1	5	
2.2.1	10	
2.2.2	15	
2.2.3	15	
2.2.4	10	
2.2.5	5	
2.3.1	20	
2.3.2	10	
2.3.3	25	
2.3.4	15	
2.3.5	10	

Problem Number	Points	Attempted?
2.3.6	15	
2.3.7	15	
2.3.8	5	
2.4.1	10	
2.4.2	20	
2.4.3	30	
2.4.4	5	
2.4.5	15	
2.4.6	10	
2.4.7	10	
2.5.1	5	
2.5.2	35	
2.5.3	25	
2.5.4	15	
2.5.5	25	
2.6.1	10	
2.6.2	20	
2.6.3	20	
2.6.4	30	
2.6.5	40	

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1 Problem 1.3.1

Proof. (write your solution here)

□

2 Problem 1.3.2

Proof. (write your solution here)

□

3 Problem 1.3.3

Proof. (write your solution here)

□

4 Problem 1.3.4

Proof. (write your solution here)

□

5 Problem 1.3.5

Proof. (write your solution here)

□

6 Problem 1.3.6

Proof. (write your solution here)

□

7 Problem 1.3.7

Proof. (write your solution here)

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8 Problem 1.3.8

Proof. (write your solution here)

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9 Problem 1.3.9

Proof. (write your solution here)

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10 Problem 1.3.10

Proof. (write your solution here)

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11 Problem 1.3.11

Proof. (write your solution here)

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12 Problem 1.3.12

Proof. (write your solution here)

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13 Problem 1.3.13

Proof. (write your solution here)

□

14 Problem 1.4.1

Proof. (write your solution here)

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15 Problem 1.4.2

Proof. (write your solution here)

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16 Problem 1.4.3

Proof. (write your solution here)

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17 Problem 1.4.4

Proof. (write your solution here)

□

18 Problem 1.4.5

Proof. (write your solution here)

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19 Problem 1.4.6

Proof. (write your solution here)

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20 Problem 1.4.7

Proof. (write your solution here)

□

21 Problem 1.4.8

Proof. (write your solution here)

□

22 Problem 1.4.9

Proof. (write your solution here)

□

23 Problem 2.1.1

Proof. (write your solution here)

□

24 Problem 2.2.1

Proof. (write your solution here)

□

25 Problem 2.2.2

Proof. (write your solution here)

□

26 Problem 2.2.3

Proof. (write your solution here)

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27 Problem 2.2.4

Proof. (write your solution here)

□

28 Problem 2.2.5

Proof. (write your solution here)

□

29 Problem 2.3.1

Proof. (write your solution here)

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30 Problem 2.3.2

Proof. (write your solution here)

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31 Problem 2.3.3

Proof. (write your solution here)

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32 Problem 2.3.4

Proof. (write your solution here)

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33 Problem 2.3.5

Proof. (write your solution here)

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34 Problem 2.3.6

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35 Problem 2.3.7

Proof. (write your solution here)

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36 Problem 2.3.8

Proof. (write your solution here)

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37 Problem 2.4.1

Proof. (write your solution here)

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38 Problem 2.4.2

Proof. (write your solution here)

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39 Problem 2.4.3

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40 Problem 2.4.4

Proof. (write your solution here)

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41 Problem 2.4.5

Proof. (write your solution here)

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42 Problem 2.4.6

Proof. (write your solution here)

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43 Problem 2.4.7

Proof. (write your solution here)

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44 Problem 2.5.1

Proof. (write your solution here)

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45 Problem 2.5.2

Proof. (write your solution here)

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46 Problem 2.5.3

Proof. (write your solution here)

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47 Problem 2.5.4

Proof. (write your solution here)

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48 Problem 2.5.5

Proof. (write your solution here)

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49 Problem 2.6.1

Proof. (write your solution here)

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50 Problem 2.6.2

Proof. (write your solution here)

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51 Problem 2.6.3

Proof. (write your solution here)

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52 Problem 2.6.4

Proof. (write your solution here)

□

53 Problem 2.6.5

Proof. (write your solution here)

□