MIG

**SAVE THIS FILE AS: U5Review1**

**Unit 5 Review 1** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Integer Programming Minimization and Maximization

 

Minimum Value: \_\_\_\_

Optimal Soln: \_\_\_\_ \_\_\_\_

**B = Binding NB = Not Binding**

Constraint #1? B or NB

Constraint #2? B or NB

Constraint #3? B or NB

Constraint #4? B or NB

Constraint #5? B or NB

**TS = True Slack S = Surplus**

**Slack on:**

Constraint #1? TS or S

Constraint #2? TS or S

Constraint #3? TS or S

Constraint #4? TS or S

Constraint #5? TS or S

Minimum Value: \_\_\_\_

Optimal Soln: \_\_\_\_ \_\_\_\_

**B = Binding NB = Not Binding**

 *Circle one*

Constraint #1? B or NB

Constraint #2? B or NB

Constraint #3? B or NB

**TS = True Slack S = Surplus**

**Slack on:**

Constraint #1? TS or S

Constraint #2? TS or S

Constraint #3? TS or S

Minimum Value: \_\_\_\_

Optimal Soln: \_\_\_\_ \_\_\_\_

**B = Binding NB = Not Binding**

Constraint #1? B or NB

Constraint #2? B or NB

Constraint #3? B or NB

Constraint #4? B or NB

Constraint #5? B or NB

**TS = True Slack S = Surplus**

**Slack on:**

Constraint #1? TS or S

Constraint #2? TS or S

Constraint #3? TS or S

Constraint #4? TS or S

Constraint #5? TS or S

Maximum Value: \_\_\_\_

Optimal Soln: \_\_\_ \_\_\_ \_\_\_

**B = Binding NB = Not Binding**

Constraint #1? B or NB

Constraint #2? B or NB

Constraint #3? B or NB

Constraint #4? B or NB

**TS = True Slack S = Surplus**

**Slack on:**

Constraint #1? TS or S

Constraint #2? TS or S

Constraint #3? TS or S

Constraint #4? TS or S



Maximum Value: \_\_\_\_

Optimal Soln: \_\_\_\_ \_\_\_\_

**B = Binding NB = Not Binding**

 *Circle one*

Constraint #1? B or NB

Constraint #2? B or NB

Constraint #3? B or NB

Constraint #4? B or NB

**TS = True Slack S = Surplus**

**Slack on:**

Constraint #1? TS or S

Constraint #2? TS or S

Constraint #3? TS or S

Constraint #4? TS or S

Maximum Value: \_\_\_\_

Optimal Soln: \_\_\_\_ \_\_\_\_

**B = Binding NB = Not Binding**

 *Circle one*

Constraint #1? B or NB

Constraint #2? B or NB

Constraint #3? B or NB

**TS = True Slack S = Surplus**

**Slack on:**

Constraint #1? TS or S

Constraint #2? TS or S

Constraint #3? TS or S

Minimum Value: \_\_\_\_

Optimal Soln: \_\_\_\_ \_\_\_\_

**B = Binding NB = Not Binding**

 *Circle one*

Constraint #1? B or NB

Constraint #2? B or NB

Constraint #3? B or NB

**TS = True Slack S = Surplus**

**Slack on:**

Constraint #1? TS or S

Constraint #2? TS or S

Constraint #3? TS or S

Maximum Value: \_\_\_\_

Optimal Soln: \_\_\_\_ \_\_\_\_

**B = Binding NB = Not Binding**

 *Circle one*

Constraint #1? B or NB

Constraint #2? B or NB

Constraint #3? B or NB

**TS = True Slack S = Surplus**

**Slack on:**

Constraint #1? TS or S

Constraint #2? TS or S

Constraint #3? TS or S