Answer Key format: For each marked row/column, enter the length of the longest loop segment.


1

Introduction 2 points

## Introduction

 2 points

## Rule

Blacken some white cells and then draw a single closed loop (without intersections or crossings) through all remaining white cells. Blackened cells cannot share an edge with each other. Some cells are outlined and in gray and cannot be part of the loop. Numbered arrows in such cells indicate the total number of blackened cells that exist in that direction in the grid.

Answer Key format: For each marked row/column, enter the length of the longest loop segment.


3

Intermediate 4 points

## Intermediate

 5 points

Blacken some white cells and then draw a single closed loop (without intersections or crossings) through all remaining white cells. Blackened cells cannot share an edge with each other. Some cells are outlined and in gray and cannot be part of the loop. Numbered arrows in such cells indicate the total number of blackened cells that exist in that direction in the grid.

Answer Key format: For each marked row/column, enter the length of the longest loop segment.


5

Challenging 11 points

6

Challenging 9 points


Solved Example for Exploratory puzzles


Answer Key format: For each marked row/column, enter the length of the longest loop segment.


Exploratory 3 points

8
Exploratory 14 points


LMI Beginners' Puzzle Contest
August 2014
Puzzles by Prasanna Seshadri

Blacken some white cells and then draw a single closed loop (without intersections or crossings) through all remaining white cells. Blackened cells cannot share an edge with each other. Some cells are outlined and in gray and cannot be part of the loop. Numbered arrows in such cells indicate the total number of blackened cells that exist in that direction in the grid.

Answer Key format: For each marked row/column, enter the length of the longest loop segment.


1

Introduction 2 points

2

Introduction 2 points


## Rule

Blacken some white cells and then draw a single closed loop (without intersections or crossings) through all remaining white cells. Blackened cells cannot share an edge with each other. Some cells are outlined and in gray and cannot be part of the loop. Numbered arrows in such cells indicate the total number of blackened cells that exist in that direction in the grid.

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Intermediate 5 points


Rule
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Solved Example for Exploratory puzzles


Answer Key format: For each marked row/column, enter the length of the longest loop segment.


Exploratory 3 points

Exploratory 14 points


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