Math for Elementary Teachers I (MATH 112)
Lab Report Cover Sheet
26 September 2007

Please indicate the lab activity or activities to which your report is related in the list below. Then, mark the grade levels towards which your lab report is targeted. Remember that you must submit at least one lab report for each grade level during the course of the quarter. Finally, sign the academic integrity statement at the bottom of this cover sheet and attach the lab report and your lab notes.

Week 2 Topics

- Patterns and Connections: Pascal’s Triangle
- Patterns and Connections: How Many Handshakes
- Stacking Cereal Boxes
- Real-live Problems
- Patterns and Proof: Darts
- Patterns and Proof: Proofs with Numbers
- Patterns and Proof: Latin Squares
- Mastermind

Grade Level

<table>
<thead>
<tr>
<th>K-3</th>
<th>4-6</th>
<th>7-10</th>
<th>N/A</th>
</tr>
</thead>
</table>

Academic Integrity Statement

By signing below, I/we certify that this lab report contains my/our own original work created especially for this class. Any sources used in creating this work have been properly cited within the report.

Signature
<table>
<thead>
<tr>
<th>Category</th>
<th>Scoring Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Presentation and Notes (25%)</strong></td>
<td></td>
</tr>
<tr>
<td>Formatting</td>
<td>The report is professionally formatted, clearly laid out, and visually appealing.</td>
</tr>
<tr>
<td>Spelling and Grammar</td>
<td>The report is written in complete sentences where appropriate, with no spelling or grammatical errors.</td>
</tr>
<tr>
<td>Lab Notes</td>
<td>A complete copy of lab notes for all lab activities is attached to the lab report.</td>
</tr>
<tr>
<td><strong>Mathematical Content (60%)</strong></td>
<td></td>
</tr>
<tr>
<td>Depth of Mathematics</td>
<td>The presentation clearly shows that the student has a deep understanding of the topic being covered.</td>
</tr>
<tr>
<td>Breadth of Mathematics</td>
<td>A sufficient number of examples, figures, descriptions, etc. are provided to adequately address the subject covered.</td>
</tr>
<tr>
<td>Accuracy of Mathematics</td>
<td>Mathematical statements and computations are accurate and clear to the reader.</td>
</tr>
<tr>
<td><strong>Educational Content (15%)</strong></td>
<td></td>
</tr>
<tr>
<td>Communication of Content</td>
<td>The goals, purpose, and content of the report are clearly communicated in a manner appropriate for the target audience.</td>
</tr>
<tr>
<td>Instructional Content</td>
<td>Appropriate instructional content (i.e. worked examples or a summary of procedures) is provided.</td>
</tr>
<tr>
<td>Identification of Content</td>
<td>Material is appropriate to the grade level indicated, and is related to the subject(s) indicated on the cover sheet.</td>
</tr>
</tbody>
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