

# Math Super Bowl: Pro Bowl Test

## Scoring Rubric

"The Nine-Digit Whole Number Challenge"

4	3	2	1
<ul style="list-style-type: none"> <li>• Demonstrates a strong, solid understanding of the task.</li> <li>• Mathematics used is accurate and error free.</li> <li>• Examples are given to support and justify the conclusions.</li> <li>• Achieves the correct solutions.</li> <li>• The report:               <ul style="list-style-type: none"> <li>○ Clearly explains the procedure for solving the problem.</li> <li>○ Clearly describes patterns and observations.</li> <li>○ Reaches accurate conclusions.</li> <li>○ Supports the conclusions with numbers, facts, and figures.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrates a satisfactory understanding of the task.</li> <li>• Mathematics used may have a few errors but not of a substantial nature.</li> <li>• Few examples are given to support or justify the conclusions.</li> <li>• Achieves most of the correct solutions.</li> <li>• The report:               <ul style="list-style-type: none"> <li>○ Explains the procedure for solving the problem.</li> <li>○ Identifies some patterns or observations.</li> <li>○ Cites a few numbers, facts or figures in support of conclusions.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrates some understanding of the task.</li> <li>• Mathematics used has many errors; one or two may be substantial.</li> <li>• Minimal examples are given to support or justify the conclusions.</li> <li>• Provides some of the correct solutions.</li> <li>• The report:               <ul style="list-style-type: none"> <li>○ Reflects an attempt explain the procedure for solving the problem.</li> <li>○ Identifies few patterns or observations.</li> <li>○ May be faulty in logical development.</li> <li>○ Cites minimal numbers, facts, or figures in the support of the conclusions.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrates little understanding of the task.</li> <li>• Multiple mathematical errors, many of which are substantial.</li> <li>• No examples are given to support or justify the conclusions</li> <li>• Provides a few or no correct solutions.</li> <li>• Report               <ul style="list-style-type: none"> <li>○ Fails to explain the procedure for solving the problem.</li> <li>○ Fails to identify patterns or observations.</li> <li>○ Has no logical development.</li> <li>○ Cites no numbers, facts, or figures to support conclusions.</li> </ul> </li> </ul>