Name_____ Date_____

Estimation Game

How to play:

- In pairs, roll the 10-sided die three times. Use the digits rolled to create a number under the first square root sign.
- Without using a calculator, each of you estimate the value of the square root as closely as you can.
- Use a calculator to estimate the square root and record it in your table.
- Determine the difference between your estimate and the calculator estimate.
- The player whose estimate is closer to the calculator estimate wins that round. Repeat until the table is complete.

	Your Estimate	Calculator Estimate	Difference (to the thousandth)
$\sqrt{\square\square\square}$			
$\sqrt{\square.\square\square}$			
$\sqrt{\square\square.\square}$			
$\sqrt{\square\square.\square}$			
$\sqrt{\frac{\square\square}{\square}}$			
$\sqrt{\frac{\square\square}{\square}}$			
$\sqrt{\frac{\square}{\square}}$			

Mathology 9 PEI, *Squares and Square Roots*
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