

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## A Chance at Monte Carlo Activity — Pre-Quiz Assessment

1. List a few ways that engineers use computers and computer programming:

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2. In the field of mathematics, what is  $\pi$  (pi)?

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3. What does it mean to model a phenomenon?

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How do you agree with these statements:	Strongly Agree	Agree	Don't Know	Disagree	Strongly Disagree
In mathematics, we always calculate exact numbers.					
Scientists always conduct experiments physically (by hand).					
Random information can help us solve problems.					
Computer programming is not useful for scientists.					