

## Computational Thinking Mao Analysis

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

Use the spaces below to help you figure out how to play Mao. After the first hand, use this sheet to figure out any new rules in play—an example of how to use this to figure out a rule is provided. As long as you are not playing, you may discuss your findings with your team. If you need more space, use another sheet of paper. **You need to analyze and discover four (4) unknown rules in total.**

<u>Card Play</u>	<u>Result</u>	<u>Hypothesis about the Rule</u>	<u>Confidence %</u>
<i>Example</i>			
<i>K♥ on K♦</i>	<i>Bad play</i>	<i>Can't play cards of same face value any more</i>	<i>60%</i>
<i>5♠ on 5♥</i>	<i>Okay</i>	<i>Can't play kings on other kings</i>	<i>20%</i>
<i>Q♠ on Q♣</i>	<i>Bad play</i>	<i>Can't play face cards of same value</i>	<i>50%</i>
<i>Q♦ on K♣</i>	<i>Bad play</i>	<i>Can't play face card on a face card</i>	<i>90%</i>
<i>J♦ on Q♥</i>	<i>Bad play</i>	<i>Can't play face card on a face card</i>	<i>95%</i>
<i>6♥ on J♠</i>	<i>Okay</i>	<i>Can't play face card on a face card</i>	<i>100%</i>

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