

## BLM 6 – *What's Fair?*

1. Based on what you have learned about the sticks game (especially the scoring system) and about theoretical and experimental probabilities, is the sticks game fair? Why or why not?
2. Create your own fair system of scoring:  
All 4 up: \_\_\_\_\_ points  
3 up and 1 down: \_\_\_\_\_ points  
2 up and 2 down: \_\_\_\_\_ points  
1 up and 3 down: \_\_\_\_\_ points  
All 4 down: \_\_\_\_\_ points
3. Justify the fairness of your scoring method for the game of sticks. (Be ready to defend and demonstrate your answer.)