

_____ Name _____ Date _____

MATH: Snake Eyes

Overview: Explore the probability of rolling **ones** with two dice.

Rules: Be the first to earn 100 points by rolling two dice. Each player may roll as many times as they choose in each round. Rolling a **one** on either die constitutes a loss of all points earned in the round. At the end of a player's round, the points earned are then banked. Rolling "snake eyes: (2 **ones**) loses all points banked.

Game # _____ Players: _____

Player 1:		
	pts.	banked pts.
Round 1		
Round 2		
Round 3		
Round 4		
Round 5		
Round 6		
Round 7		
Round 8		
Round 9		
Round 10		
Round 11		
Round 12		
Round 13		
Round 14		
Round 15		
TOTAL:		

Player 2:		
	pts.	banked pts.
Round 1		
Round 2		
Round 3		
Round 4		
Round 5		
Round 6		
Round 7		
Round 8		
Round 9		
Round 10		
Round 11		
Round 12		
Round 13		
Round 14		
Round 15		
TOTAL:		

Game # _____ Players: _____

Player 1:		
	pts.	banked pts.
Round 1		
Round 2		
Round 3		
Round 4		
Round 5		
Round 6		
Round 7		
Round 8		
Round 9		
Round 10		
Round 11		
Round 12		
Round 13		
Round 14		
Round 15		
TOTAL:		

Player 2:		
	pts.	banked pts.
Round 1		
Round 2		
Round 3		
Round 4		
Round 5		
Round 6		
Round 7		
Round 8		
Round 9		
Round 10		
Round 11		
Round 12		
Round 13		
Round 14		
Round 15		
TOTAL:		

What is the probability of rolling "snake eyes?" _____ Odds? _____
 Explain:

What is the probability of rolling a one with two dice? _____ Odds? _____
 Explain: