

# Snail Nim

**Building Fluency:** equivalent fractions

**Materials:** gameboard and pattern blocks (triangles, parallelograms, trapezoids, hexagons)

**Number of Players:** 2

**Directions:**

1. Players take turns placing pattern blocks on the snail. The player announces the fraction being placed. Example: Player places a triangle on the board and says "This is  $\frac{1}{6}$  of the hexagon." Player places a trapezoid on the board and says "This is  $\frac{1}{2}$  of the hexagon."
2. The person who places the last block on the gameboard loses the game.

**Variation/Extension:** The winner places the last piece or players may not cover adjoining hexagons in the same way. Example: If a player covers one hexagon with 2 trapezoids, the adjoining hexagons must have at least two different shapes.

