

Tangram Clan Animals

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Curriculum - *Measurement and Geometry and Spatial Sense*

- **Measurement, Measurement Relationships:** determine through investigation and strategies, the relationship between the area of a rectangle and the areas of parallelograms and triangles by decomposing and composing
- **Geometry and Spatial Sense, Geometric Properties:** construct properties using a variety of tools

Materials

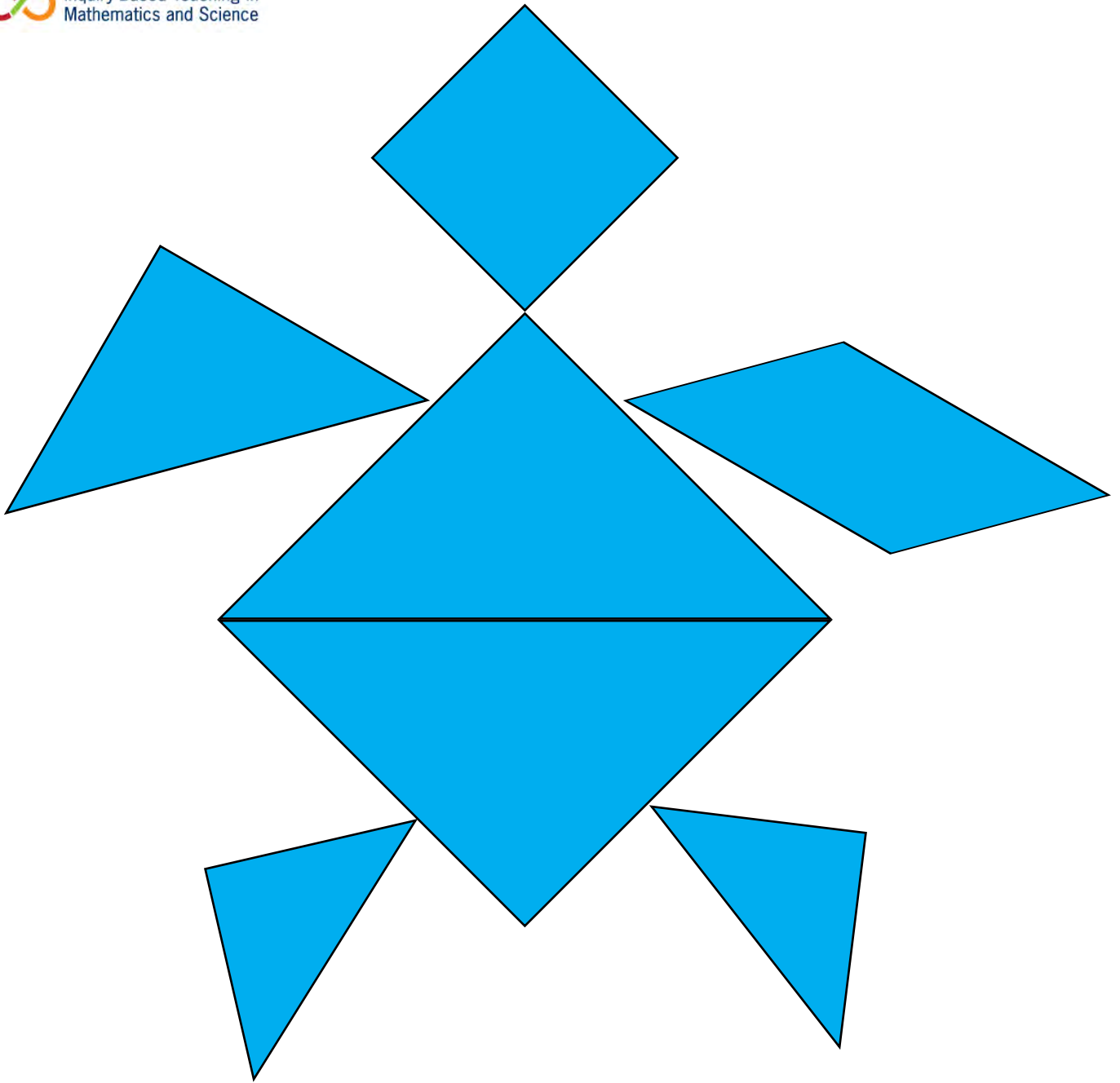
- Tangram Clan Animals Puzzle in plastic sleeves (Appendix A)
- Plastic tangram pieces
- Construction Paper
- Paper tangram pieces (Appendix B)
- Scissors and glue
- Markers, glitters, and other decorative materials

How to Play

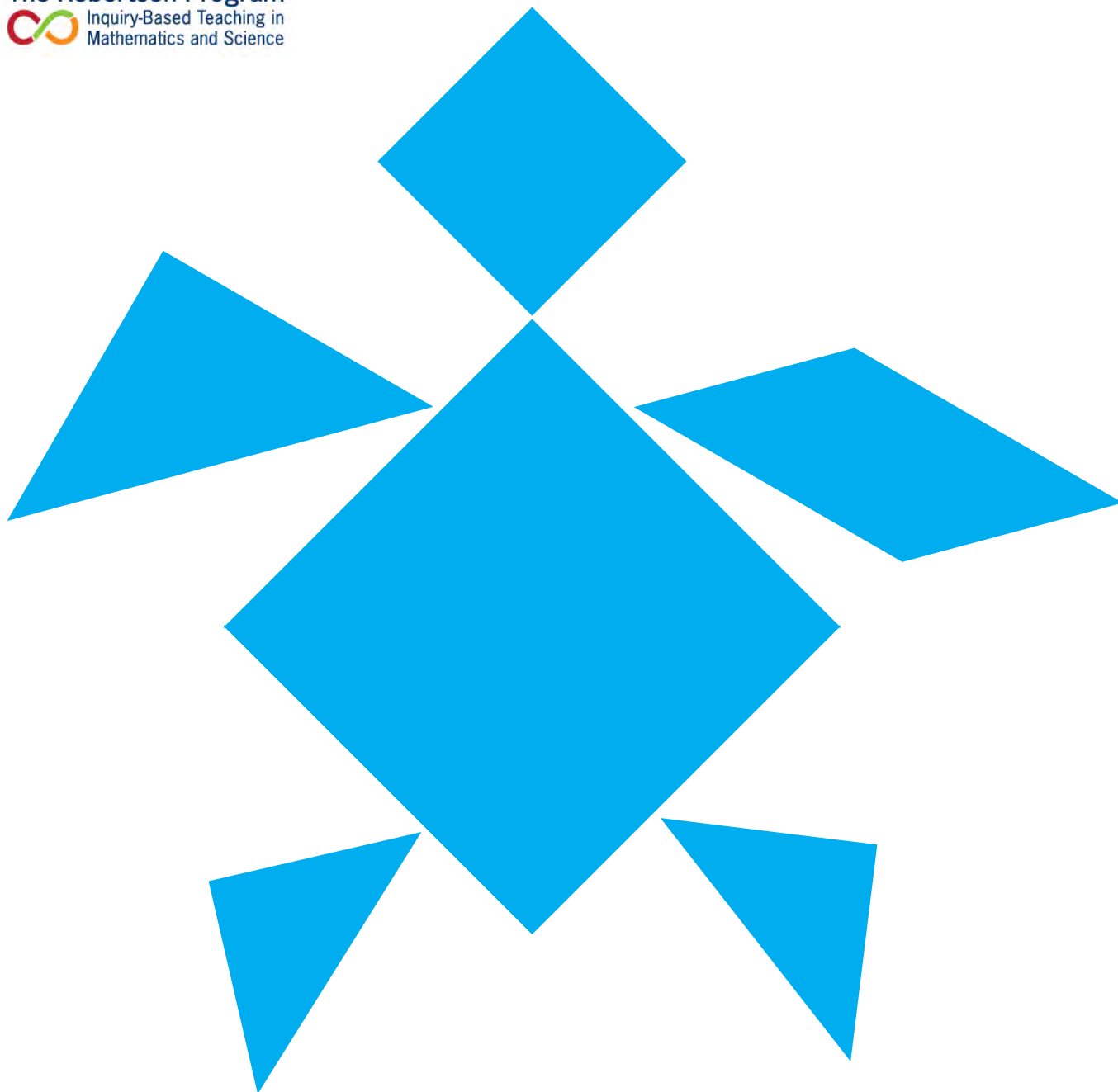
- Pick a tangram clan animal puzzle (choice between with clues and no clues).
- Use the plastic tangram pieces to solve the puzzle.
- Reconstruct the tangram with paper tangram pieces and glue it onto a construction paper.
- Decorate around the clan animal with various materials, including the name of the animal in Ojibwe.



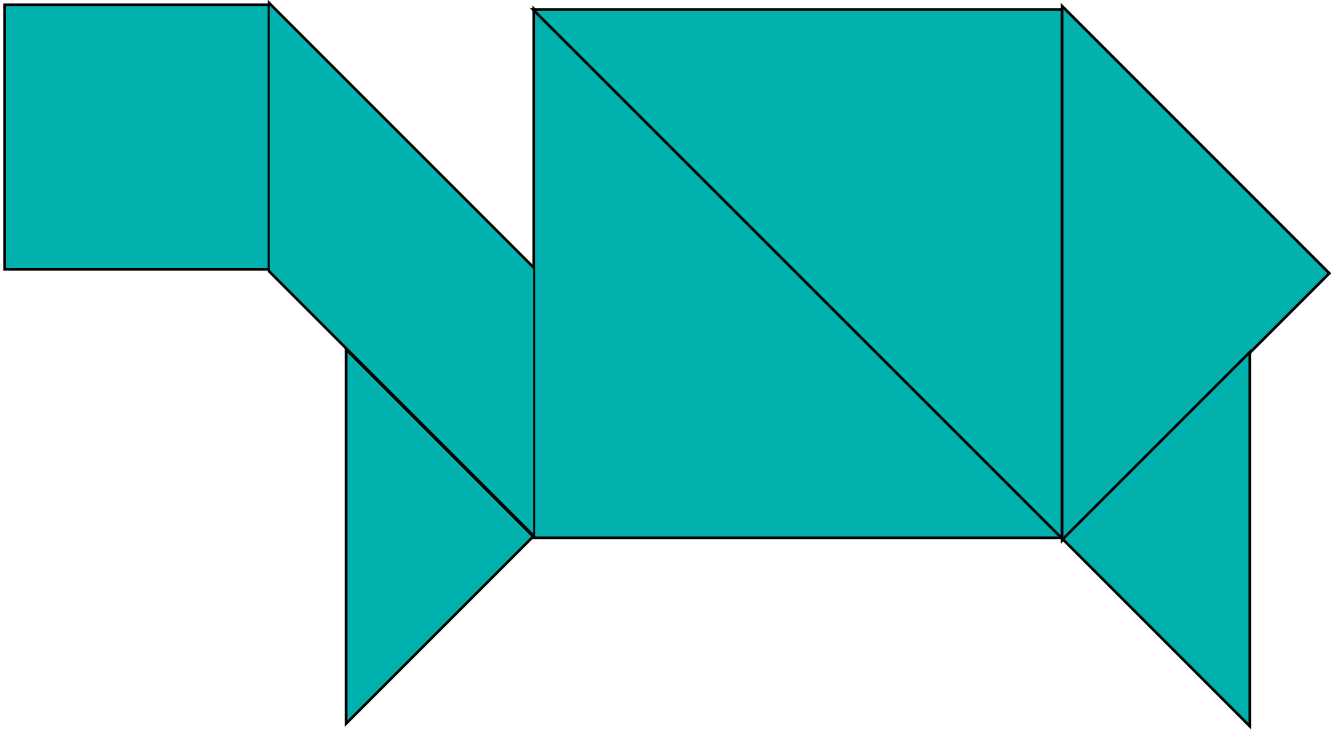
For further details regarding this activity and many others, please visit the math and science activity library at www.therobertsonprogram.com



Miskwaadesi (Turtle)



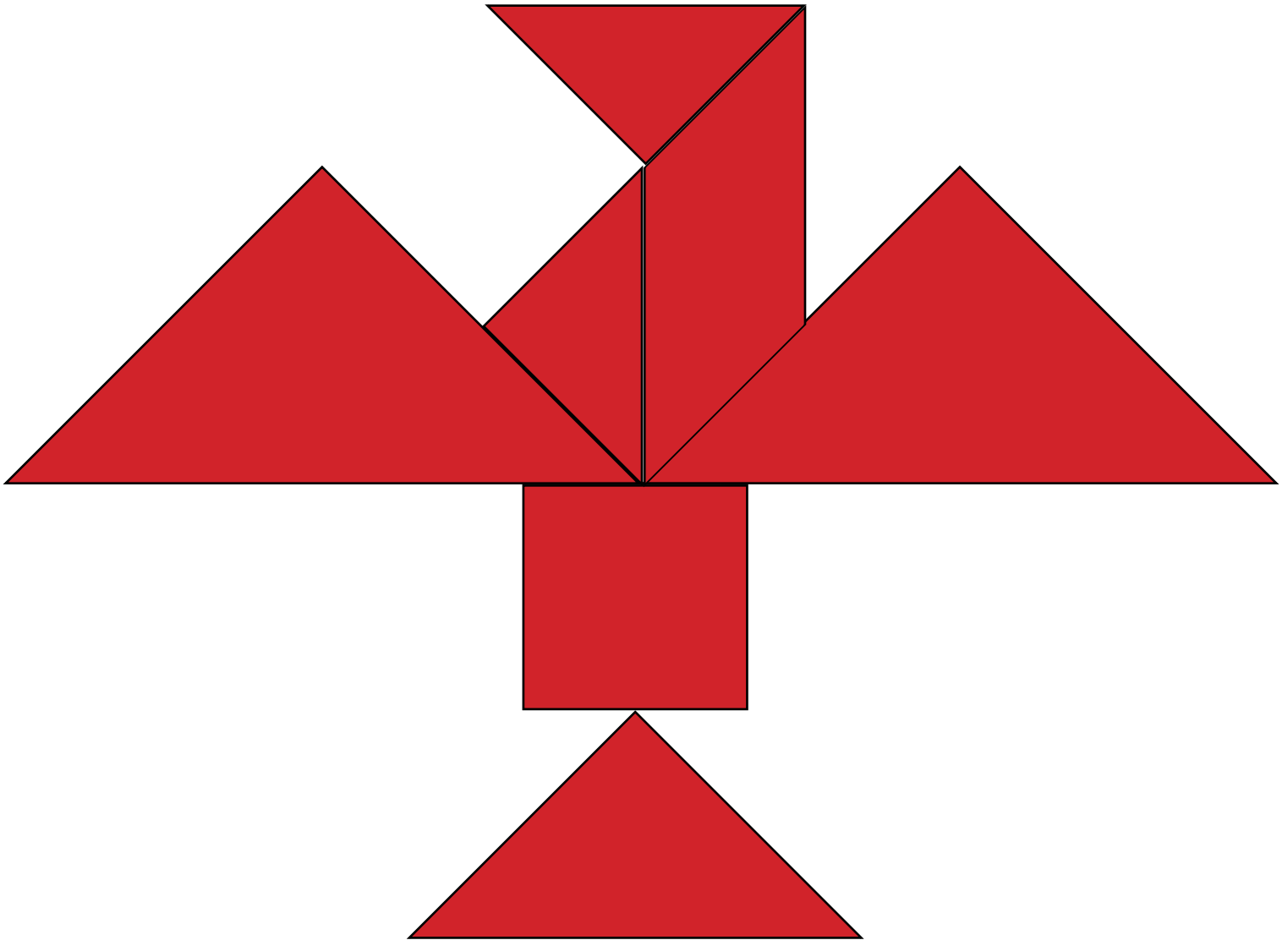
Miskwaadesi (Turtle)



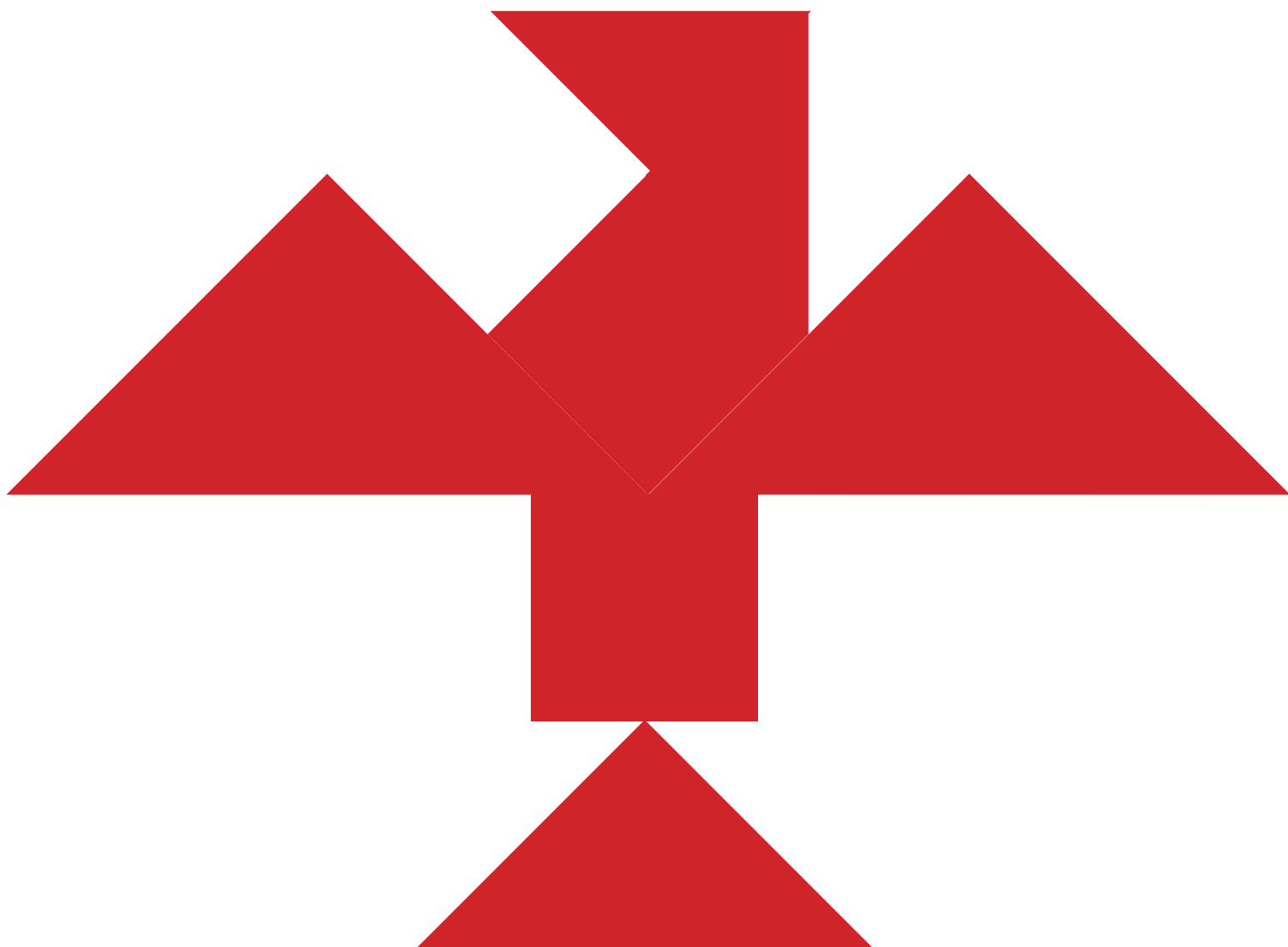
Miskwaadesi (Turtle)



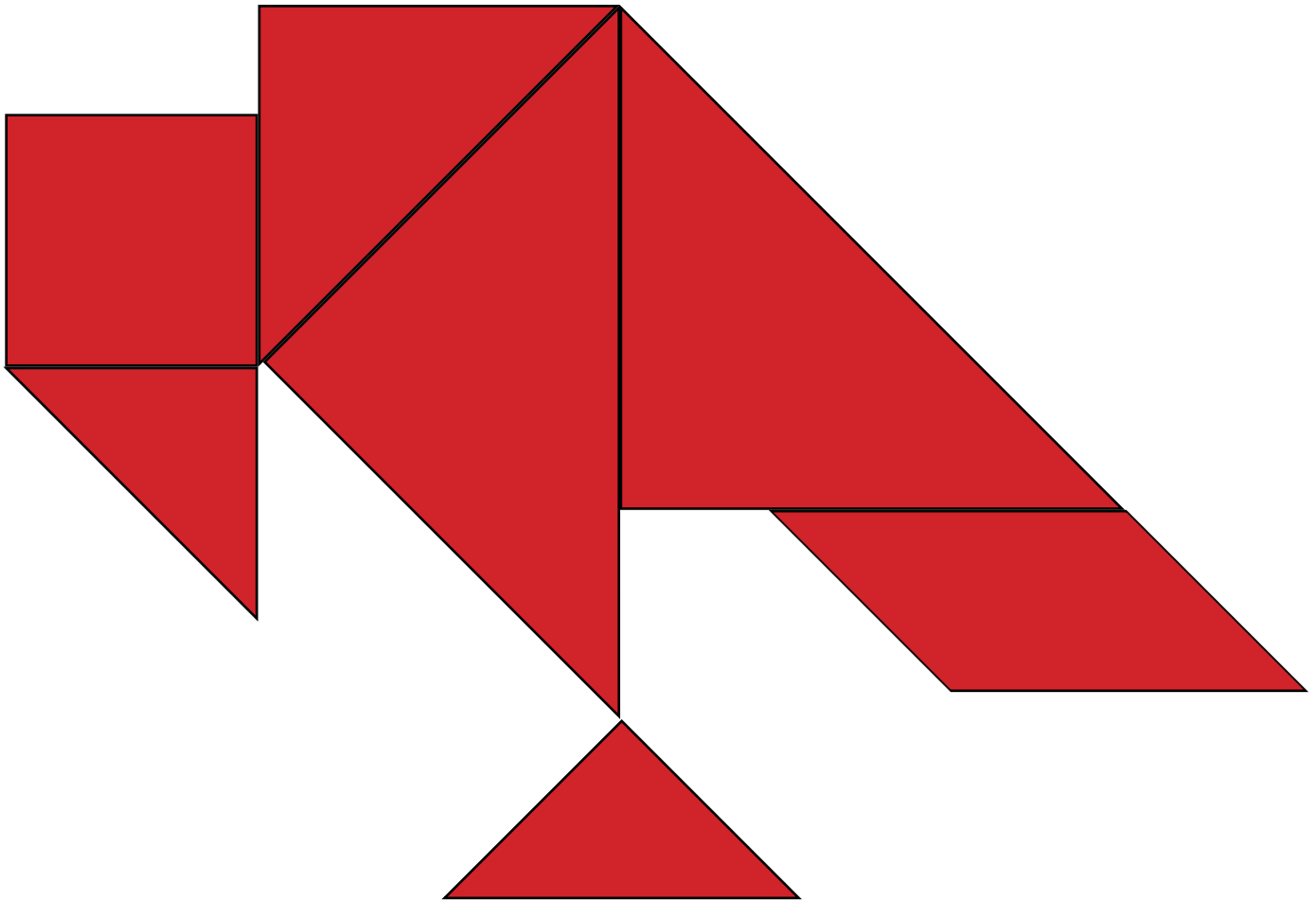
Miskwaadesi (Turtle)



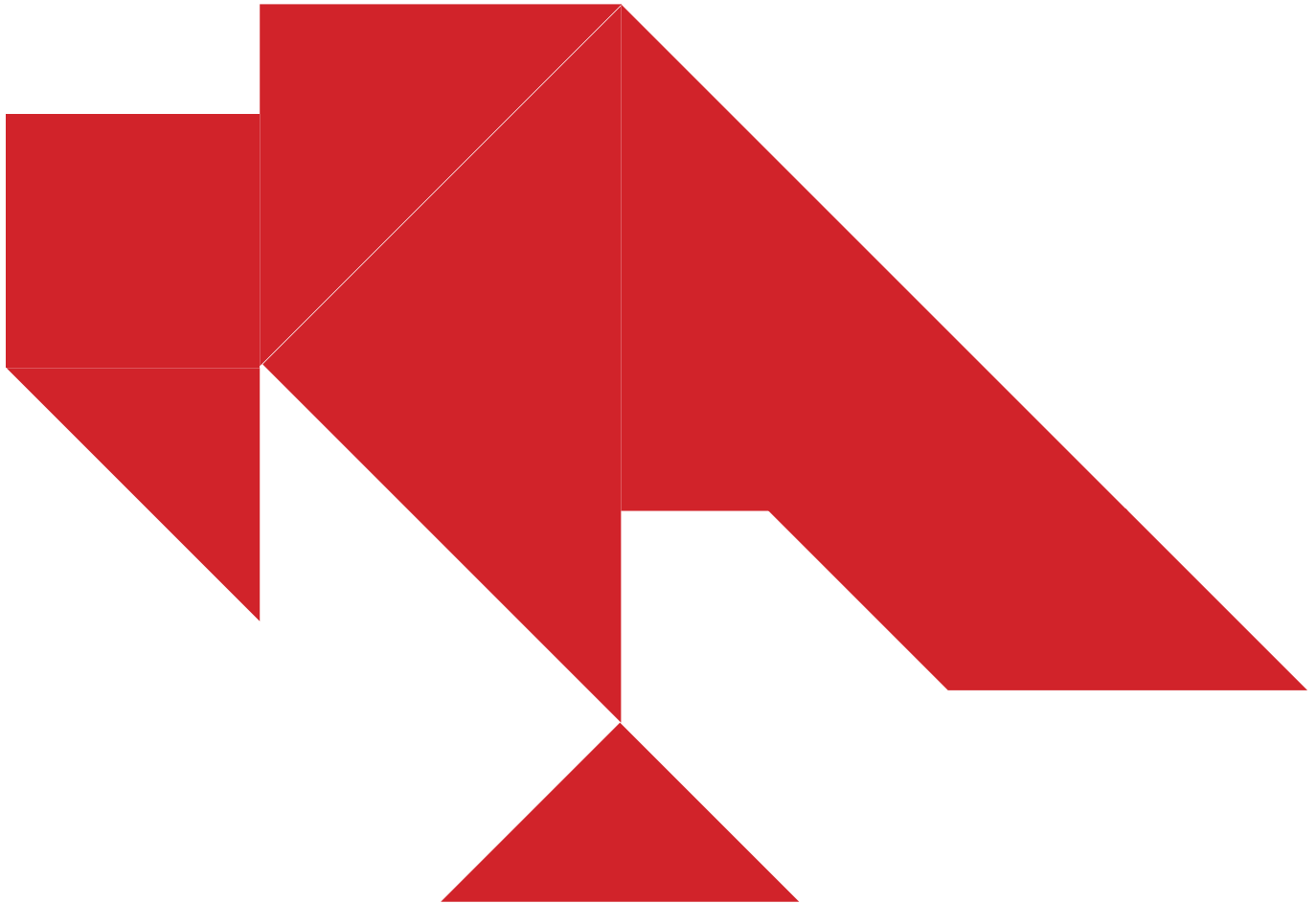
Migizi (Eagle)



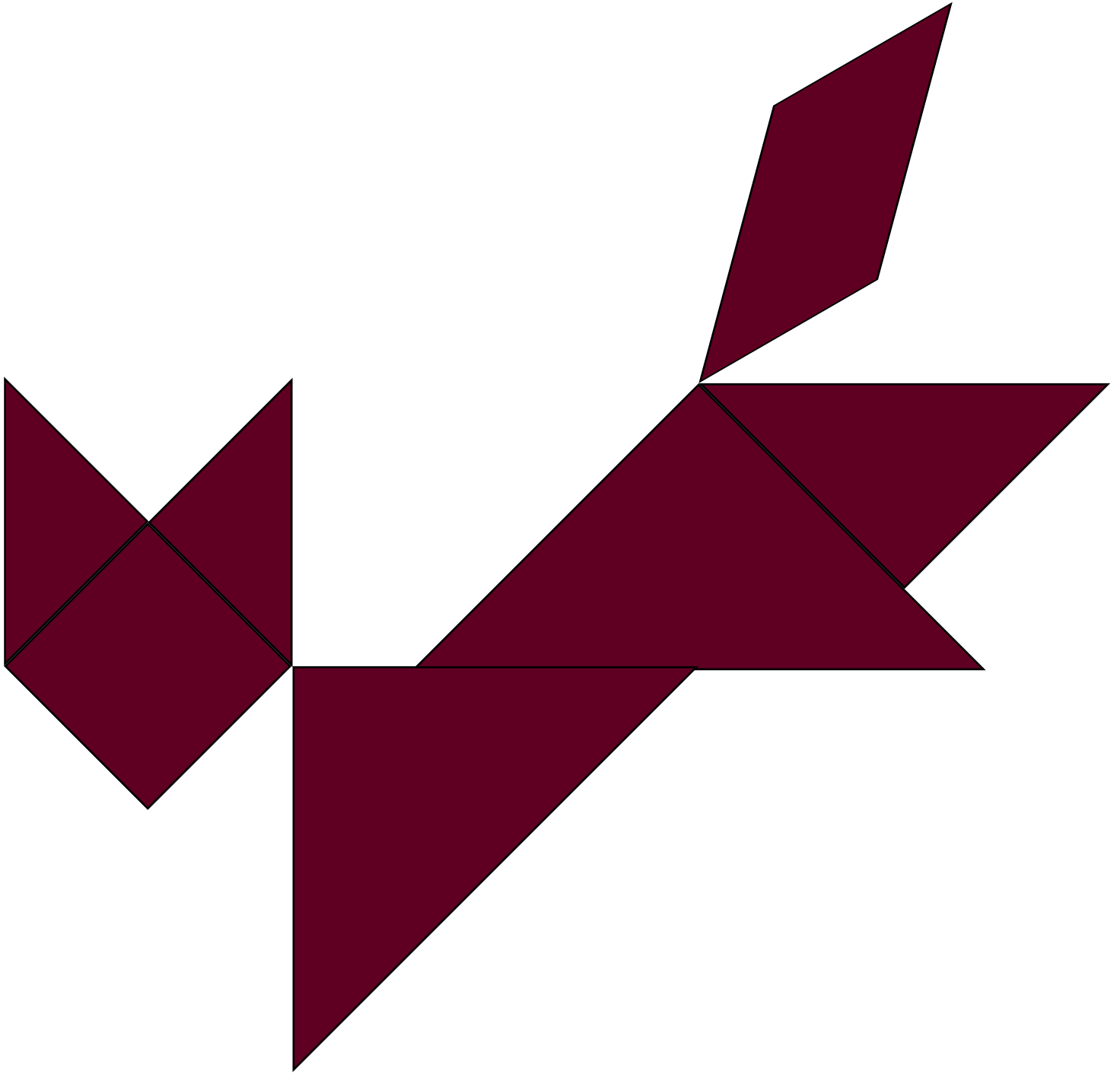
Migizi (Eagle)



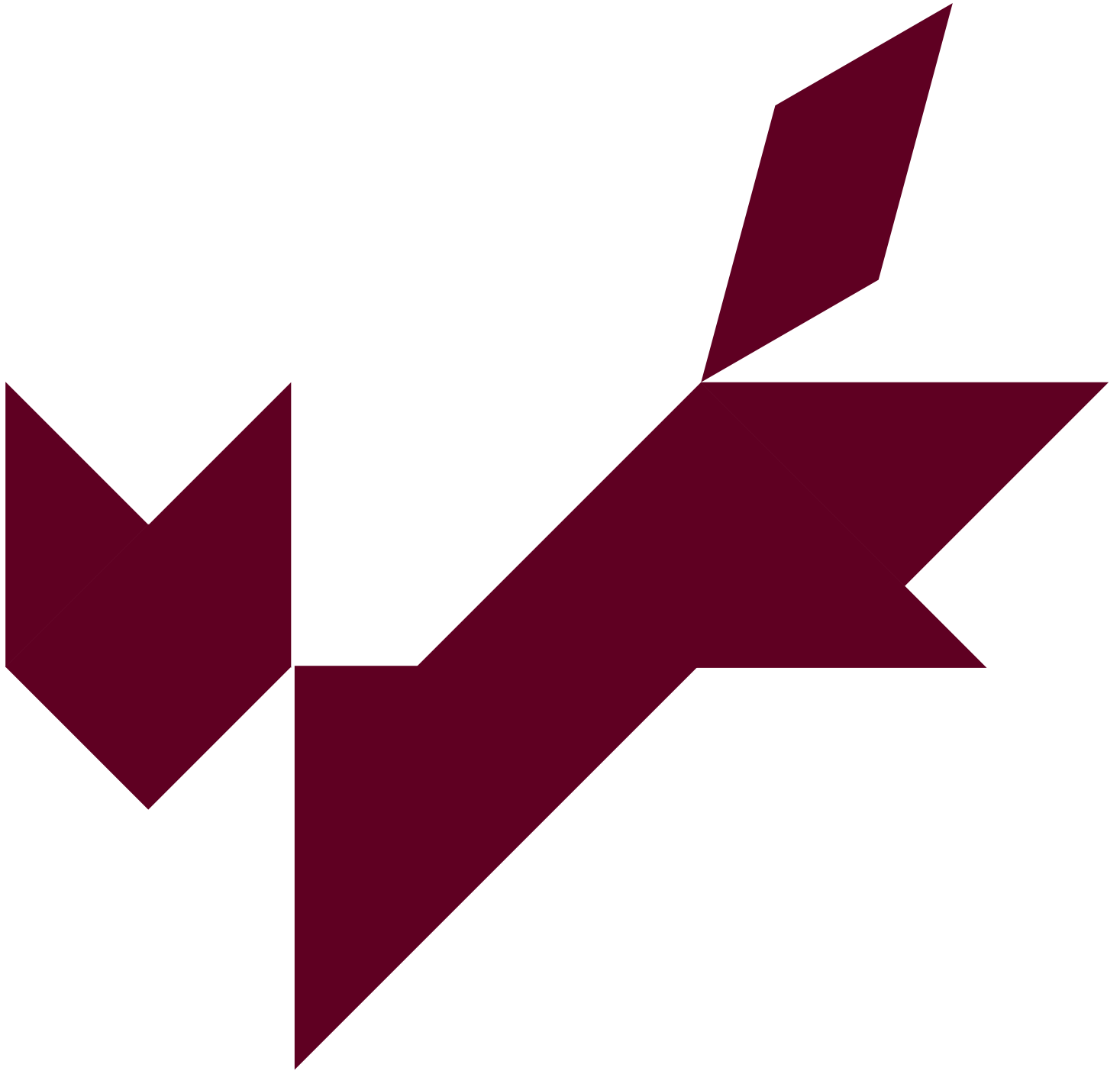
Migizi (Eagle)



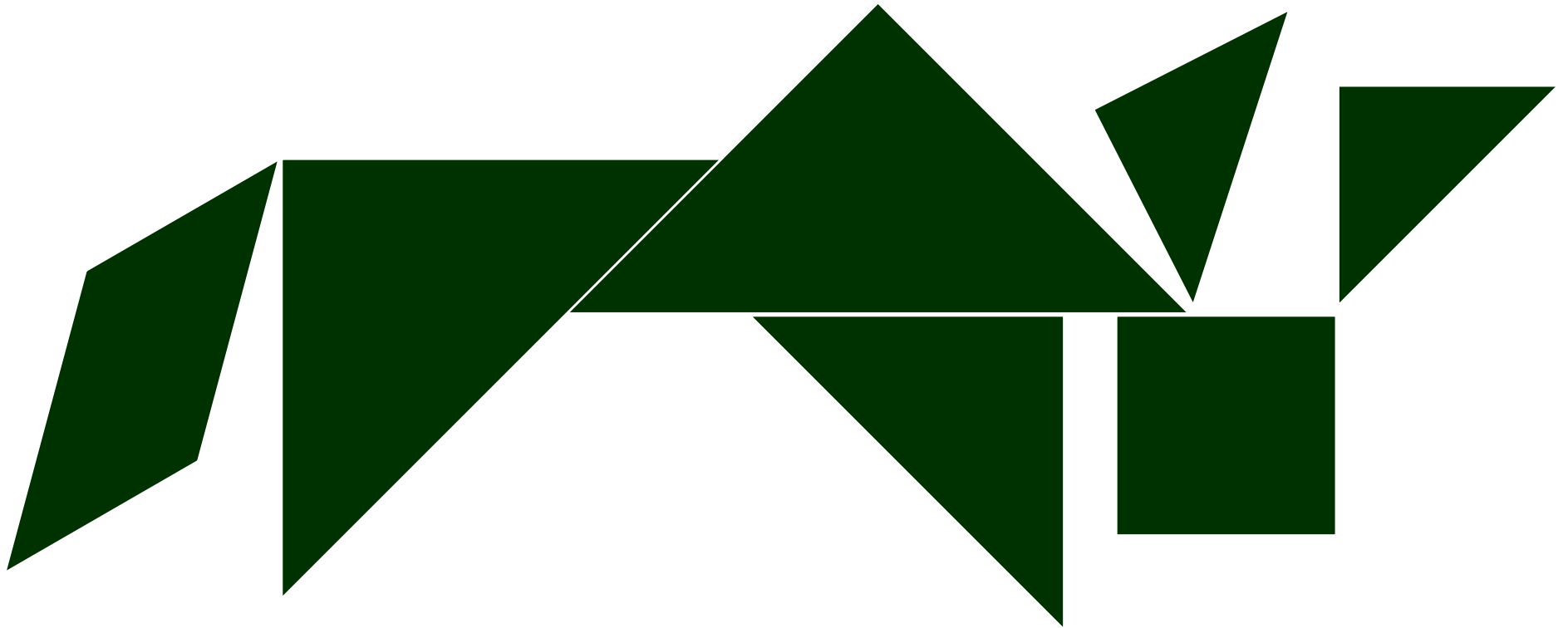
Migizi (Eagle)



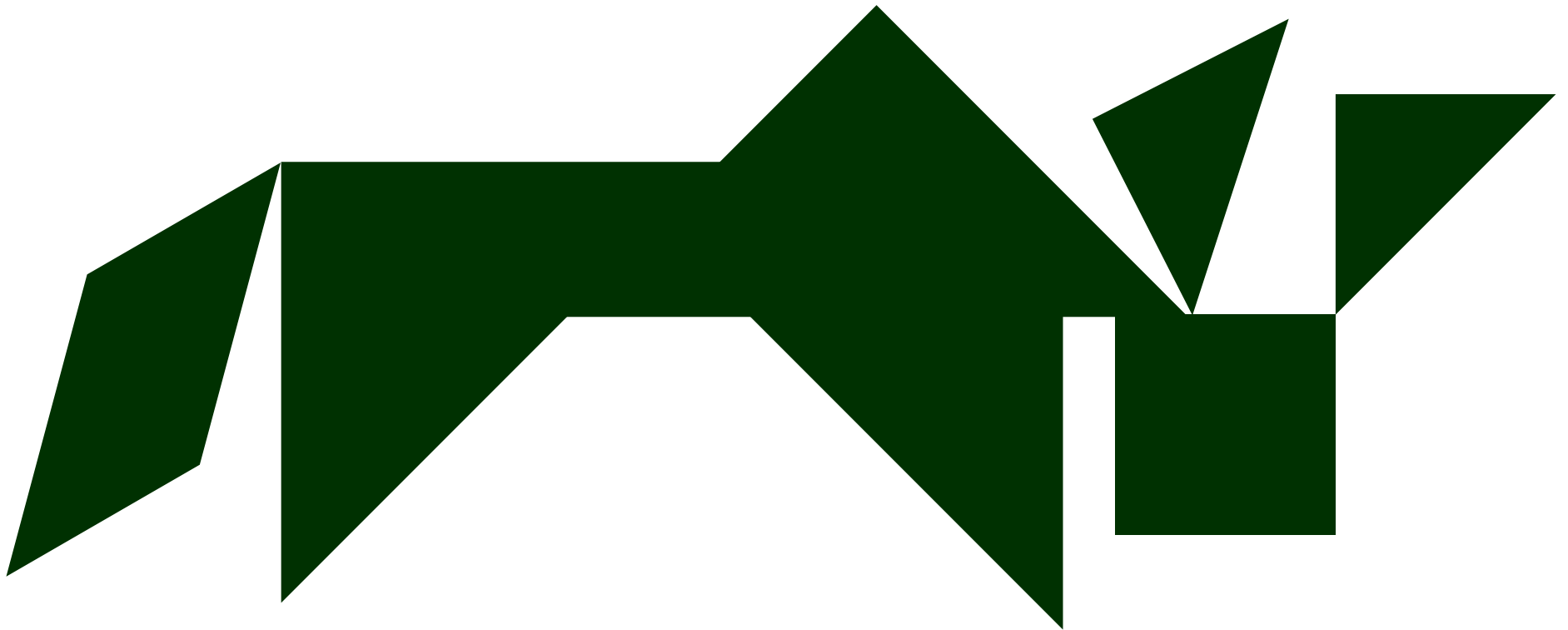
Zhaashaawanibii (Marten)



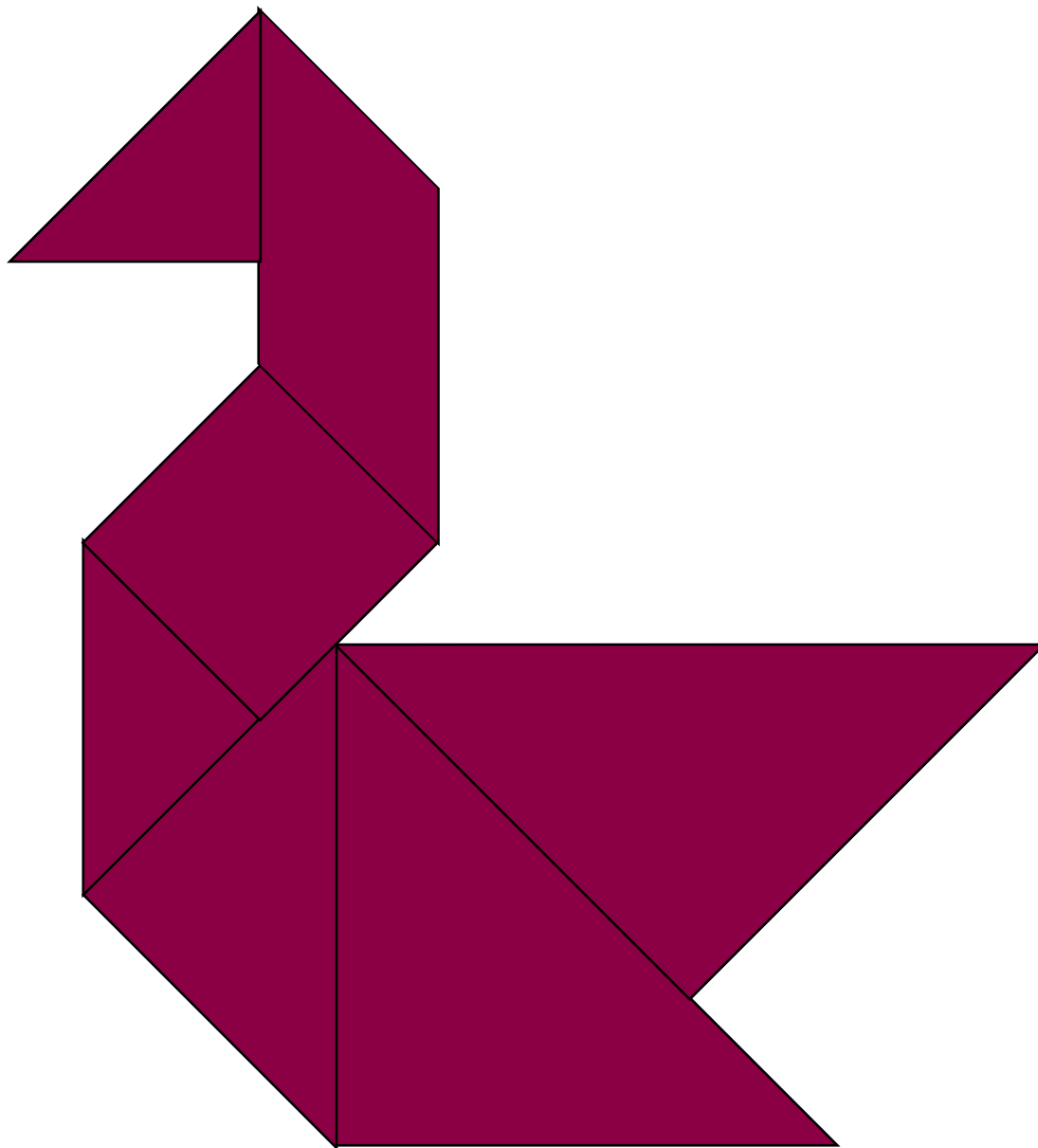
Zhaashaawanibii (Marten)



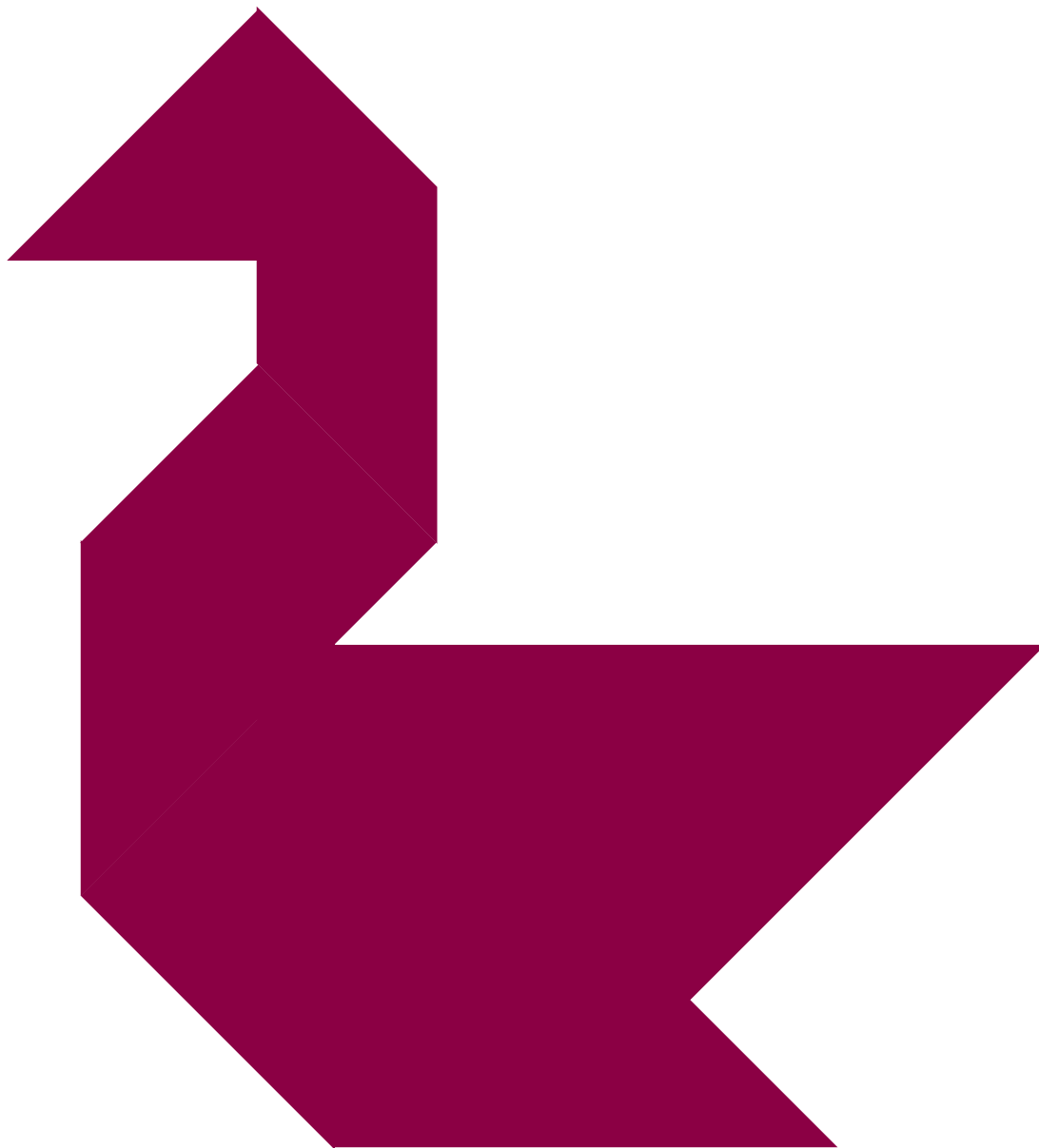
Mooz (Moose)



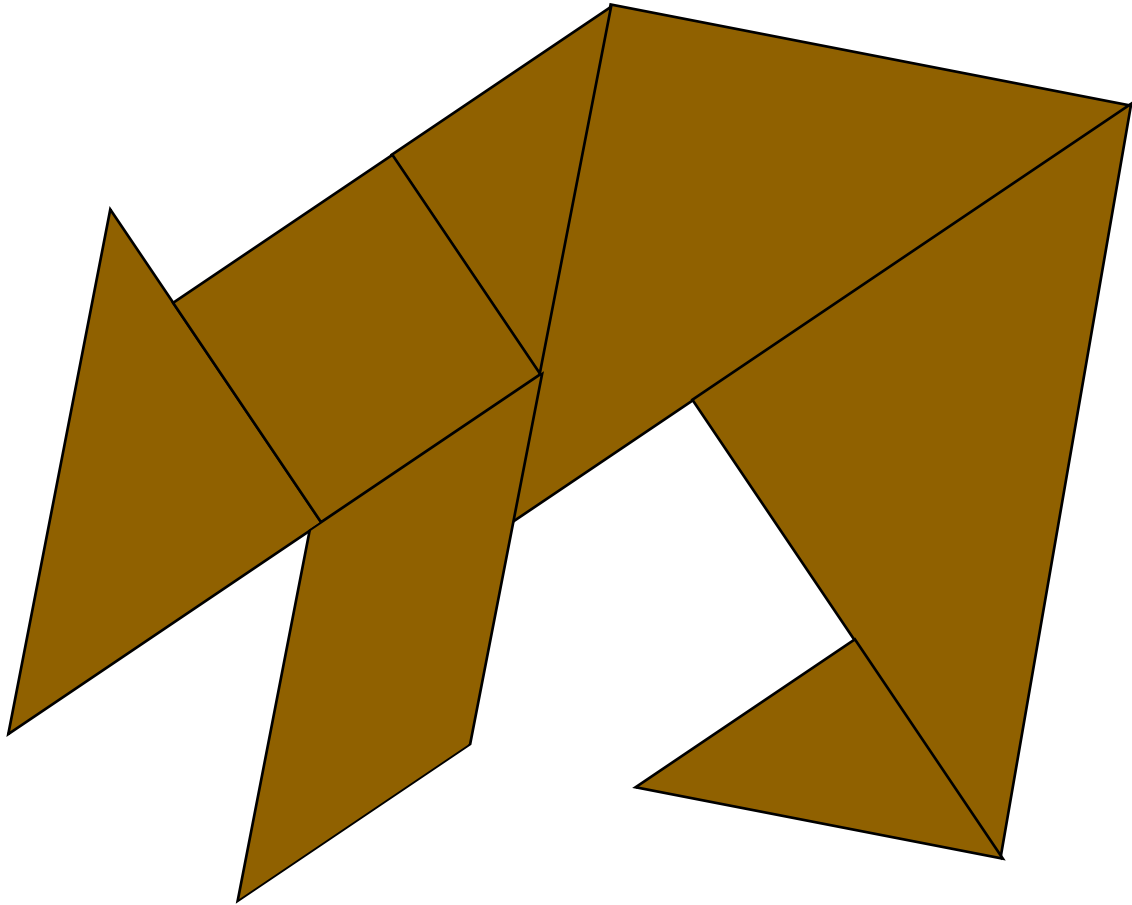
Mooz (Moose)



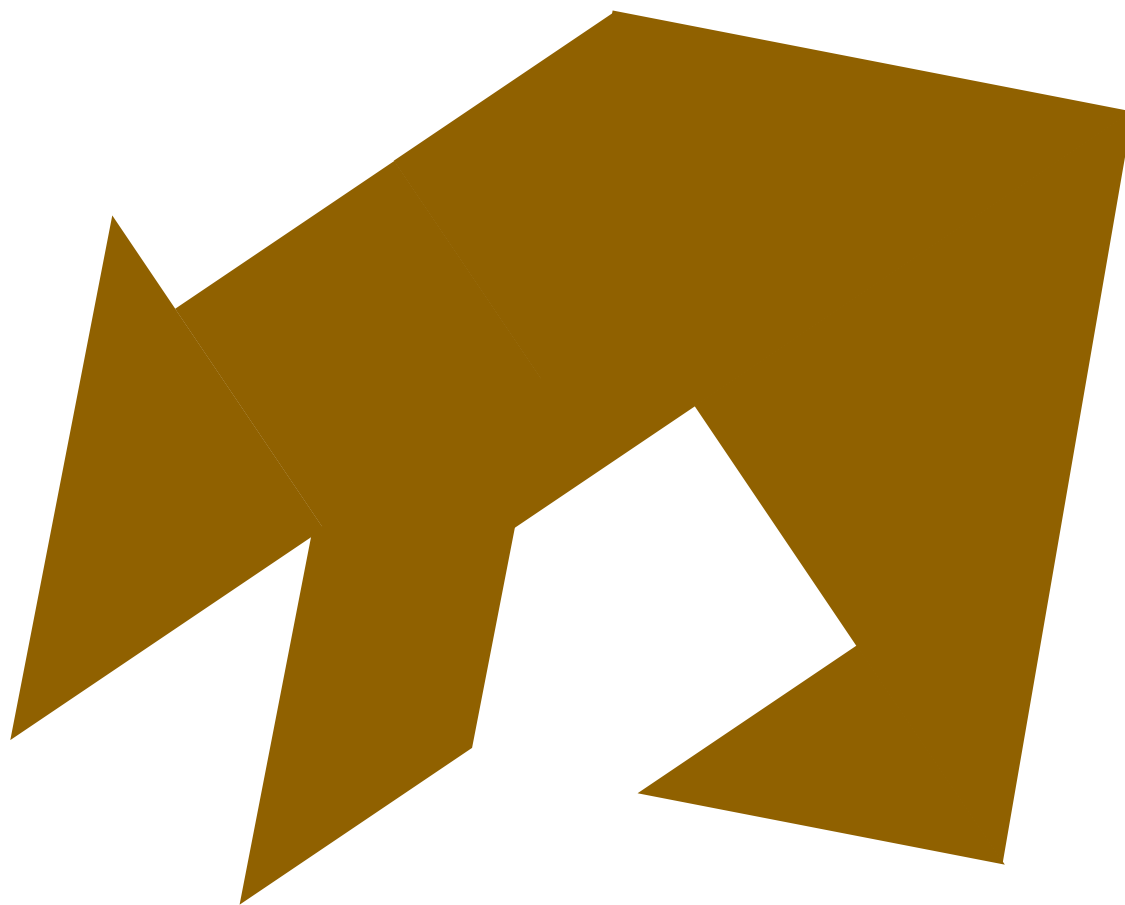
Maang (Loon)



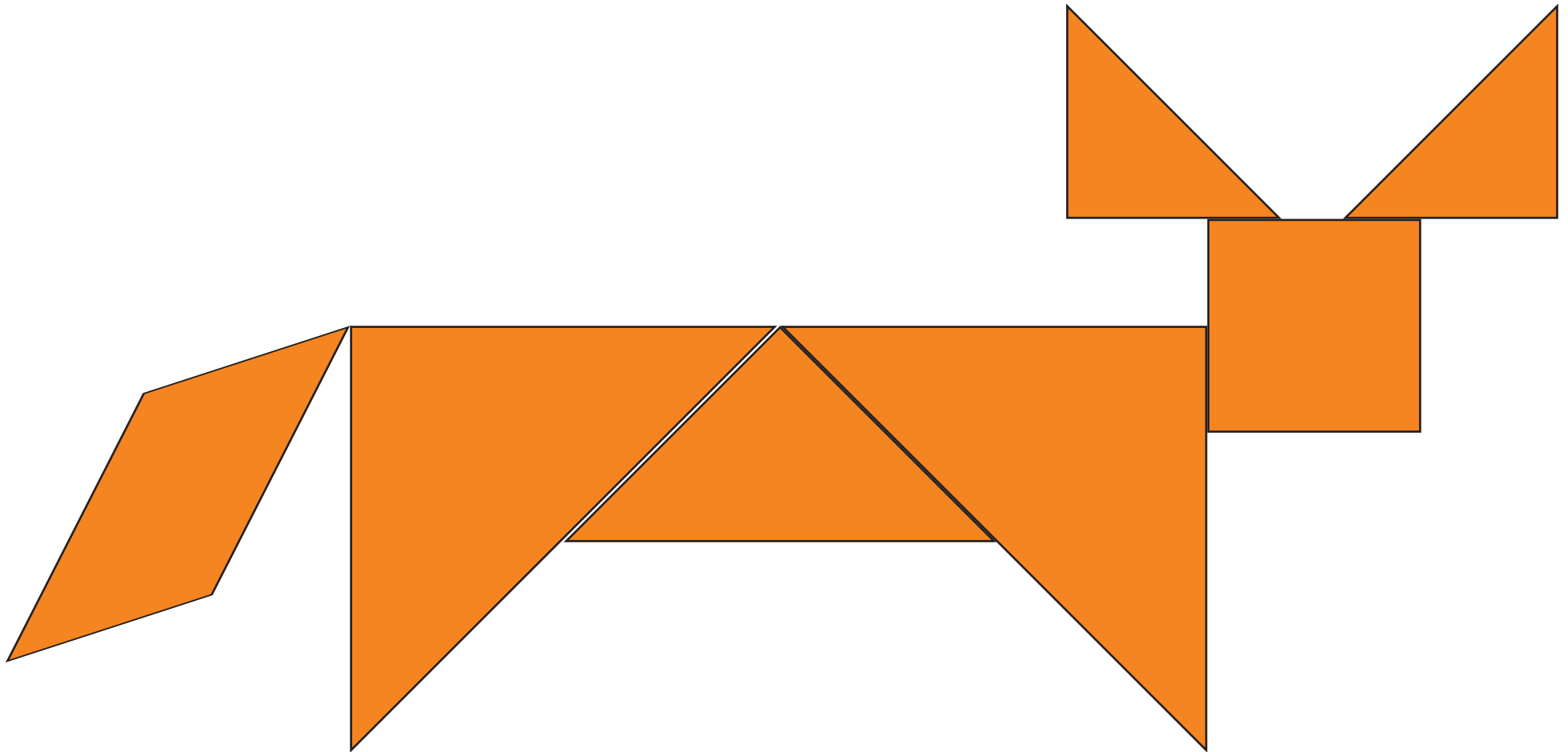
Maang (Loon)



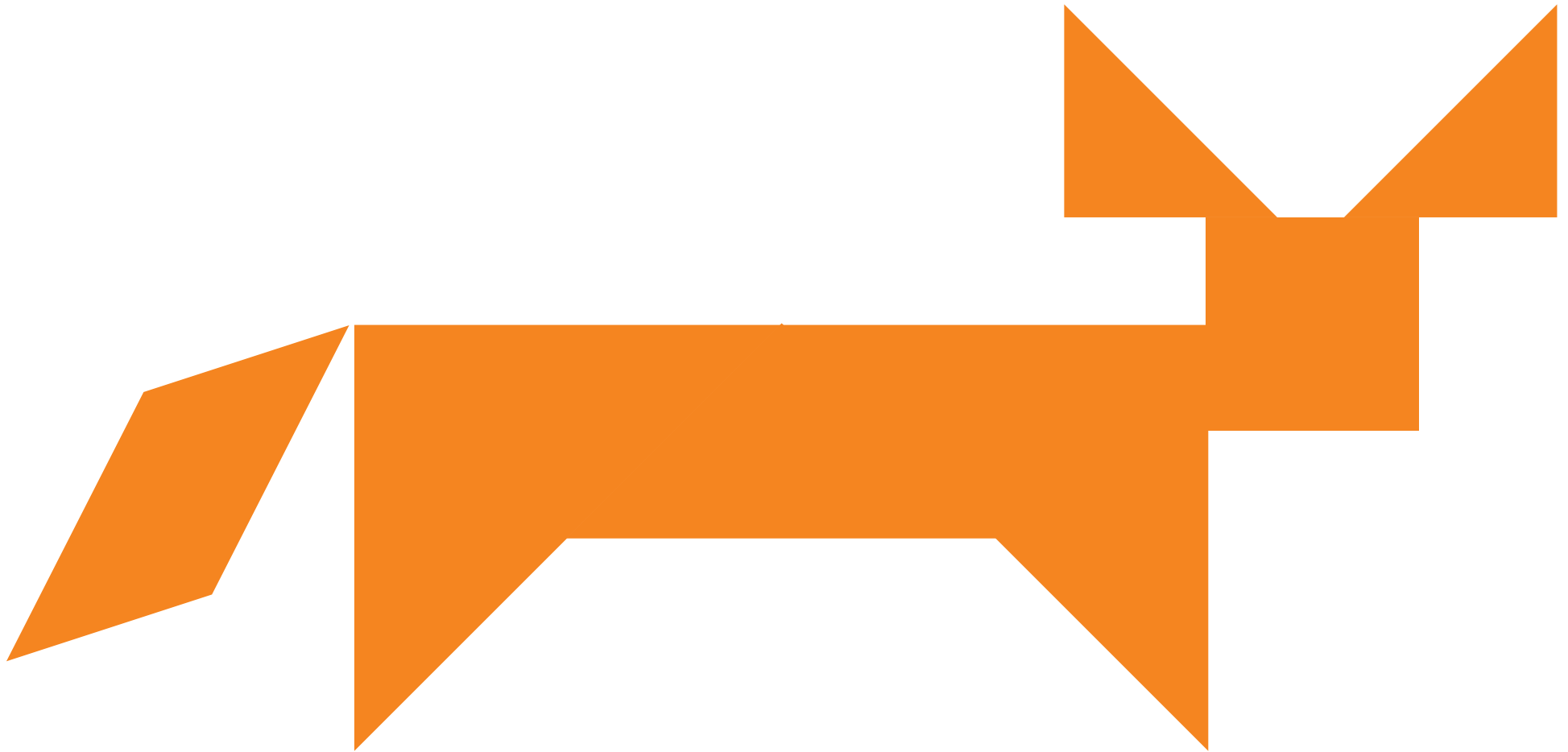
Makwa (Bear)



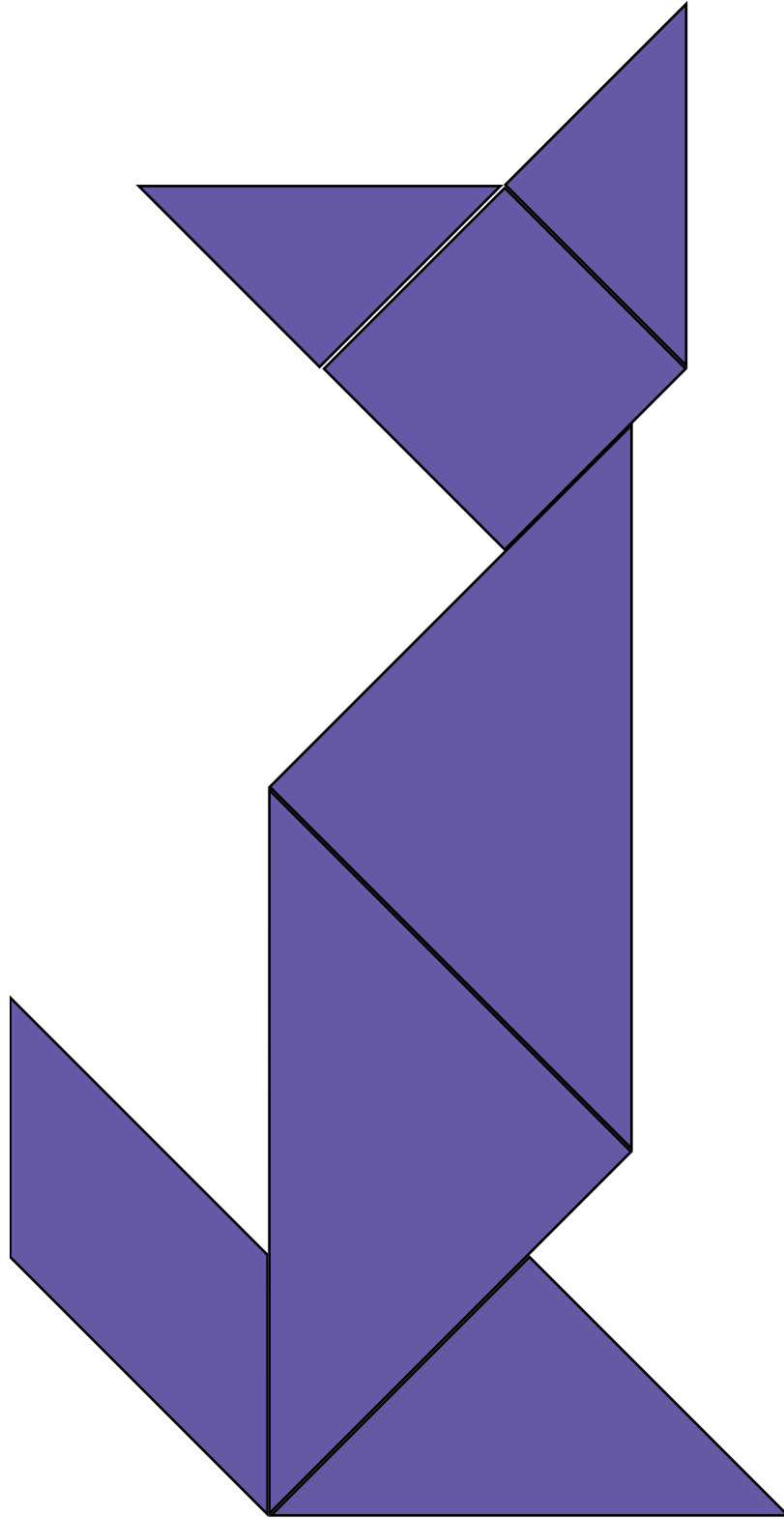
Makwa (Bear)



Bizhiw (Lynx)



Bizhiw (Lynx)



Bizhiw (Lynx)



Bizhiw (Lynx)