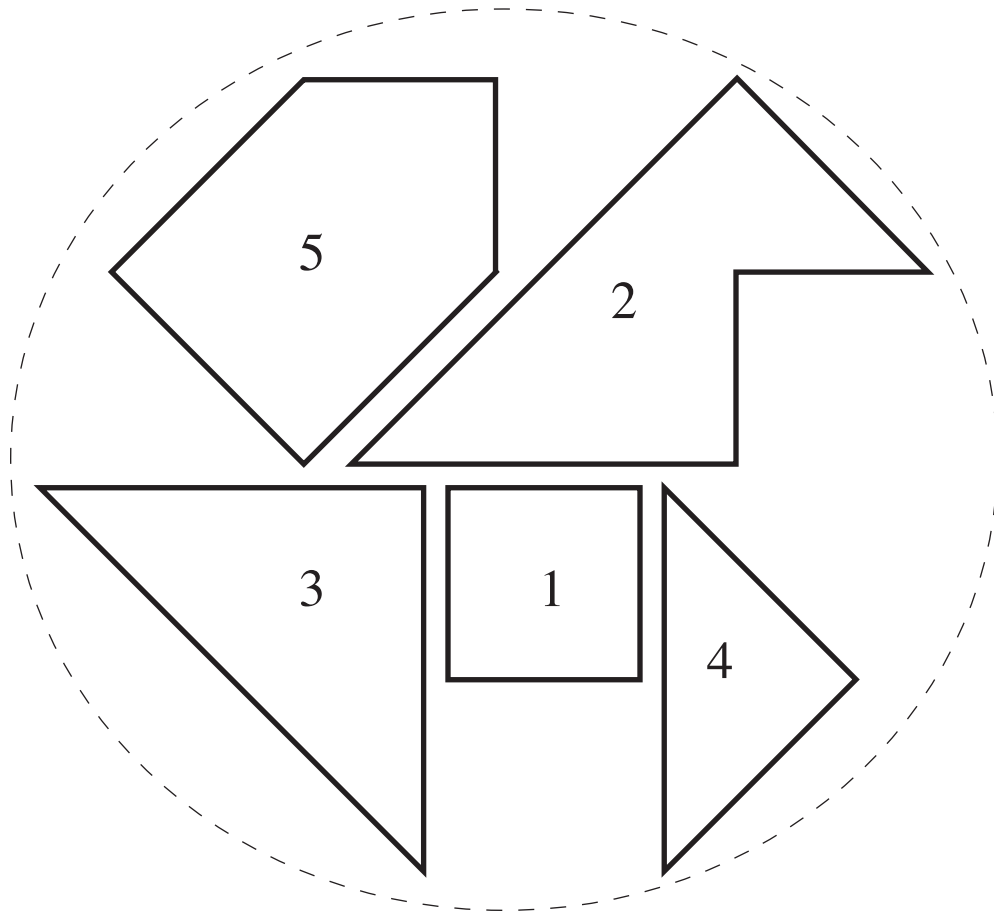


MathFLIX CHALLENGE

Pythagorean Theorem Puzzle: Coloring Proof #1

This puzzle can help you understand one of the most famous equations of all time: $a^2 + b^2 = c^2$, the Pythagorean Theorem. Cut out the pieces below and make two squares, the first from piece 1, and the other from pieces 2 - 5. Next, combine all 5 pieces to form a third square.



This puzzle gives you the opportunity to see an algebra equation explained using pictures. What is shown here is the Pythagorean theorem, or $a^2 + b^2 = c^2$.

This is a great way to learn the Pythagorean theorem because you can see for yourself that a^2 and b^2 combine to form c^2 !

