

# Geometric Puzzles: Tiles and Rep-Tiles

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Spoiler alert: along the way, I will reveal the answers to some questions.  
At various times, we may end up moving on before you've solved something. Sorry.

This handout is available in a clickable version at [mathed.page/talks.html](http://mathed.page/talks.html)

## Links

free downloads for classroom use and for your continuing entertainment

Workshop handouts:

[Three-Pentomino Puzzles](#) | [Scaling SuperTangrams](#)

[One-Inch Grid Paper](#) | [Triangle Paper](#)

Virtual manipulatives:

[Tangrams](#) | [Virtual Grid Paper](#) | [Pentominoes](#)

[Geometric Puzzles in the Classroom](#) is my main article on this topic.

[Puzzles in Math Education](#) provides a philosophical framework.

Links to all relevant materials (including the below): [Geometric Puzzles](#)

Possible hands-on introduction to tangrams: [Tearing Tangrams](#)

[Polyomino Lessons](#) (puzzles on grid paper)

More on pentominoes:

[Pentomino Labs](#)

[Tiling Rectangles with Pentominoes](#) (puzzles on grid paper)

[Pentomino Books](#)

[SuperTangrams](#)

[Rep-tiles](#)

Related:

[Geometry Labs](#)

[Symmetry](#)

[Manipulatives](#)

[For a Tool-Rich Pedagogy](#)