

Geometric Puzzles, Virtually

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Workshop Links

During the workshop, you will need to access some virtual manipulatives, and post screenshots of your creations. Here are the links:

1. [Tangrams](#)
2. [Tangrams Screenshots](#)
3. [Pentominoes](#)
4. [Pentominoes Screenshots](#)

More

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

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

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

More on pentominoes:

[Pentomino Labs](#)

[Three-Pentomino Puzzles](#)

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

Taking it further:

[Rep-tiles](#)

[Supertangrams](#)

More [virtual manipulatives](#).

Blog posts about virtual manipulatives: [Part 1](#) | [Part 2](#)

Most links below lead to lots of free relevant materials.

[Geometric Puzzles](#) ← lots of links!

[Geometry Labs](#) (especially Ch. 2, 4, 8, 10)

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

[Manipulatives](#)

[For a Tool-Rich Pedagogy](#)