

## Hexagonal Good Fences

—CRAIG KAPLAN

This issue we bring you a new hexagonal Good Fences variation. As always, you must surround the shape with copies of itself; with a hexagonal grid, each surrounding shape will share an edge with the original. Copies may be rotated, and they may not overlap each other except at their

boundaries. Furthermore, the final arrangement of shapes should not fully enclose any unused cells.

As a warmup, surround this shape with four copies of itself. Then see if you can construct a surround with nine copies, the maximum possible for this shape.

Here's a PDF you can print out as many times as you like as you work out an answer. An interactive version of Good Fences is available for iOS and Android. For more information, go to [isohedral.ca/goodfences](http://isohedral.ca/goodfences). ■

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