With possible help from JAVA applet, find the interior and boundary grid points, and the number of vertices, for each of these polygons. See if you "spot" a relationship with the area.

Area= Interior grid points: Vertices: Boundary grid points:

Area =

Interior grid points:

Vertices:

Boundary grid points:

Area=

Interior grid points:

Vertices:

Boundary grid points:

Area=

Interior grid points:

Vertices:

Boundary grid points:

Area=

Interior grid points: Vertices:

Boundary grid points:

Once you have a conjecture, come up with your own polygons and check!

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