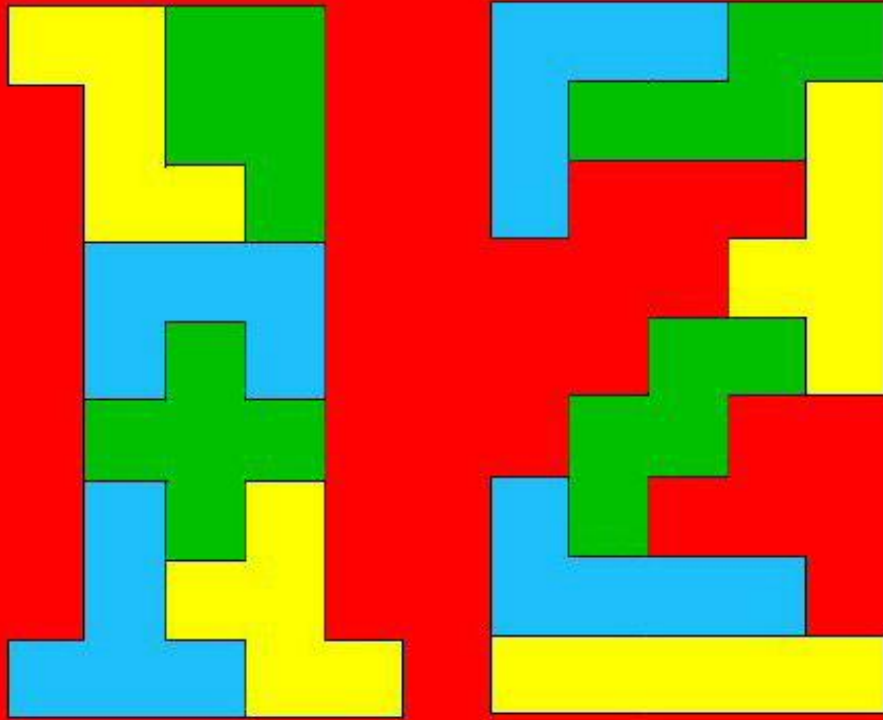


Gathering 4 Gardner



Twelveness

*A Fibonacci verse
celebrating the 12 pentominoes*

1 1 2 3 5 8 13 21 34 55 89 144

Presentation by Kate Jones
at Gathering for Gardner 12
Atlanta, GA – 2016

1 Martin

1 Gardner

2 Long ago

3 Wrote about pentominoes,

5 Brainchild of young Solomon Golomb,

8 The coolest recmath set in all the world.

13

Soon everybody played them, Gabriel made them,
Even Arthur Clarke became their addict.

21

Through a feat of fate along came Kate
And started a business, because she could,
Founded on 12 pieces of wood.

34

And this one set begat lots more—
Combinatorial puzzles by the score—
As awards rolled in and ribbons flew
And a beautiful mathematical product line grew,
Lovingly crafted... sold only in our traveling store.

55

As decades flowed by, the pents we had named Quintillions
Stood ever in first place, and their fans grew by the millions.
Their shapes showed up in a whole parade
Of other creations that we made.
And dear Martin Gardner, friend and mentor,
Let us produce the two games of which *he* was the inventor.

89

Polyominoes are everywhere, just take a look around —
On floors and walls, on every web page as pixels they are found.

From the Singularity to infinity, particles join in ever more fanciful arrays
Like elements in galaxies, where energy with space-time plays;

Then living beings happened along, from single cells to the giant whale,
And played with variations, inventiveness at every scale,

And somewhere in the middle are these humans on a planet blue—
They have minds that play with puzzles, math and the magic they can do.

144

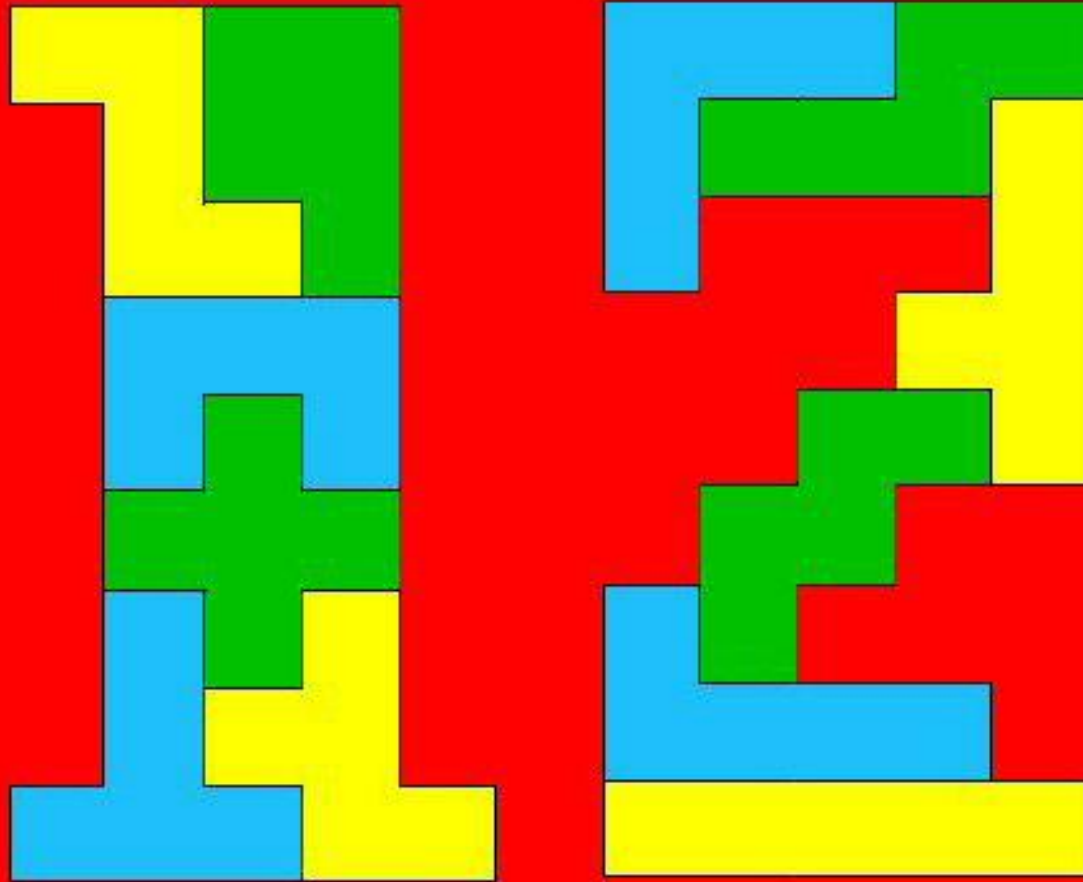
Wrapping up the last line, with a 12-times-12 word string--I counted them with care—
Here is the list of all our games where you'll find pentominoes demand their share:

Archimedes' Square, Boats, Brace, ChooChooLoops, Color Up, Colormaze, Combinatorix, Dezign-8, Diamond Rainbow, Doris, Dual Quintachex, Fill-Agree, Fractured Fives, Gallop, Grand Multimatch, Heptominoes, Hexacube, Leap, Lemma, L-Sixteen, Mini-lamond Ring, MiniMatch I, Multimatch I, Multimatch II, Multitouch I, Multitouch II, Octominoes, Pentomino necklace, Perplexing Pyramid, Pocket Pentominoes, Pocket Vees, Poly-5, Quantum, Quintachex, Quintapaths, Quintillions, Rhom-Antics, Rhombiominoes, RhombStar-7, Rombix Jr., Sextillions, Six by Six, Six Disks, Snowflake Square, Snowflake Super Square, Super Quintillions, Ten-Yen, Throw a Fit, Tiny Tans, Transpose, Triangoes Jr., Triangoes, Triangule-8, Trifolia, Trio in a Tray, Vee-21, Void and Warp-30.

So thank you, Sol, for what you started,
And thank you, Martin, for what you imparted,
And thank you, World, for what you hearted.



Gathering 4 Gardner



See the full illustrated PowerPoint presentation here: www.gamepuzzles.com/g4g12-2016.ppt