

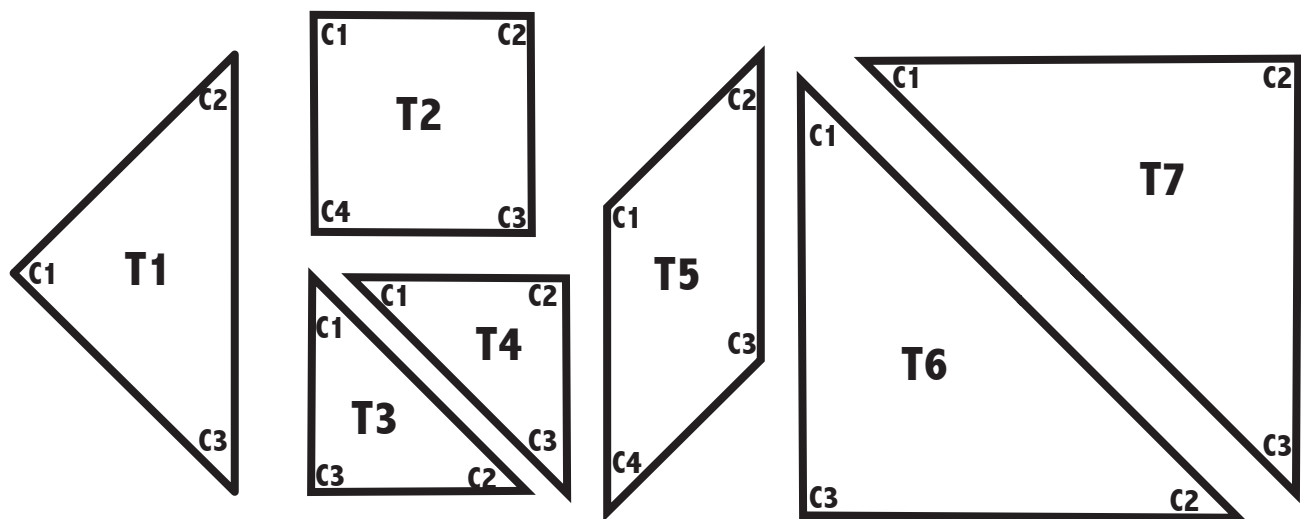
Summary

In order to give hints as to how to build the tangram images for the Daily Tangrams, without giving away too much detail, the following is provided.

- **Tangram Grid** Each Daily Tangram includes a Tangram Grid to assist in drawing the needed tans (shapes) that compose the tangram image. The grid consists of lines that intersect at points. Each point of intersection is identified by the name of the two lines that meet at that point. The lines are numbered/named beginning at the center of the grid and work their way outward from there. Vertical lines are named A-L. Horizontal lines are numbered 1-12. The vertical lines left of center are negative and designated with a negative sign (-). The horizontal lines below center are negative and designated with a negative sign (-).
- Each point on the grid is identified by naming the vertical and horizontal lines which intersect to form that point. For example, the point in the center of the upper righthand quadrant of the grid is "F6". Likewise, the point in the center of the lower lefthand quadrant is "-F-6".
- The center line (both vertically and horizontally) is "0", thus the very center point of the grid is "00."
- **Proportions of the Tans** (Warning: This can get confusing.) The smaller tans have proportions that are half the size of the next-size-up tans. This means that the small triangles are half the size of the medium-sized triangle. The medium-sized triangle is half the size of the large triangles. In order for that to happen, the short sides of the small triangles are half the length of the longest side of the medium-sized triangle. The same is true for the medium-sized triangle in relation to the large triangles. The small triangles are also half the size of the square and parallelogram.
- These proportions are important when counting points on the Tangram Grid for drawing the various tans when solving the tangram puzzle.

The 7 Tans:

These are the 7 tans of a tangram. They are numbered 1-7 by T1, T2, through T7. Each corner is identified as C1, C2, etc. These codes are used when providing hints for building an image for the Daily Tangram. For example, T2C4 refers to the lower left-hand corner of the square.



The Tangram Grid & Hints

The Tangram Grid is for use in drawing the tangram image with the 7 tans. The hints that are provided refer to specific corners on stated tans, and a specific spot on the grid. For example, "Hint: T2C4 = -L12" means that the lower left-hand corner of the square should be placed in the lower left-hand corner of the Tangram Grid.