



Problem of the Week

Problem C

Transformational Moves

The three points $A(1, 1)$, $B(1, 4)$, and $C(2, 1)$ are the vertices of $\triangle ABC$.

We perform transformations to the triangle, as follows. First, we shift $\triangle ABC$ to the right 4 units. Then, we reflect the image in the x -axis. Then, we reflect the new image in the y -axis. Finally, we shift the newest image up 5 units.

What are the coordinates of the vertices of the final triangle?

