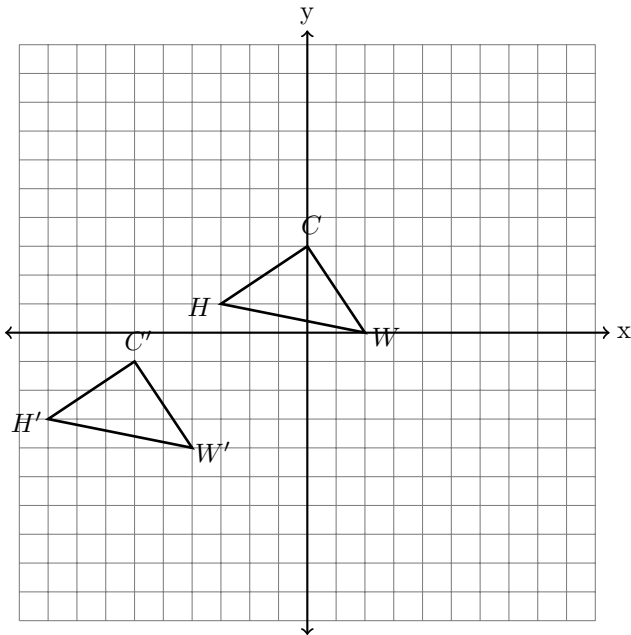
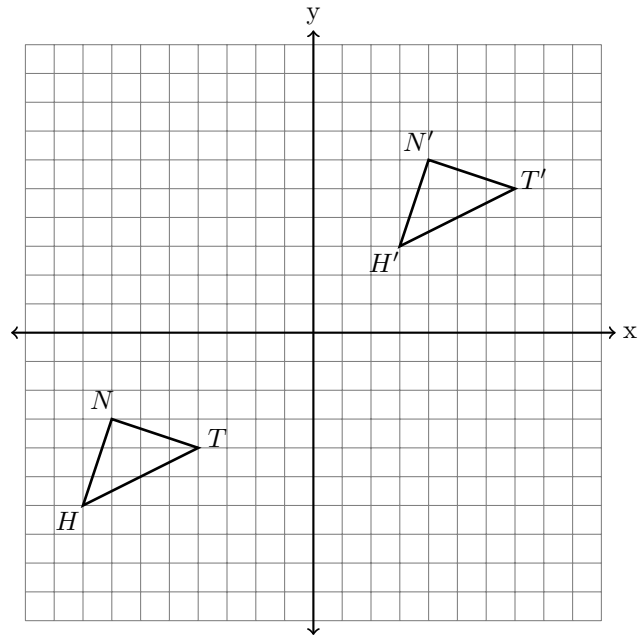


3.5 Identifying Transformations - CW

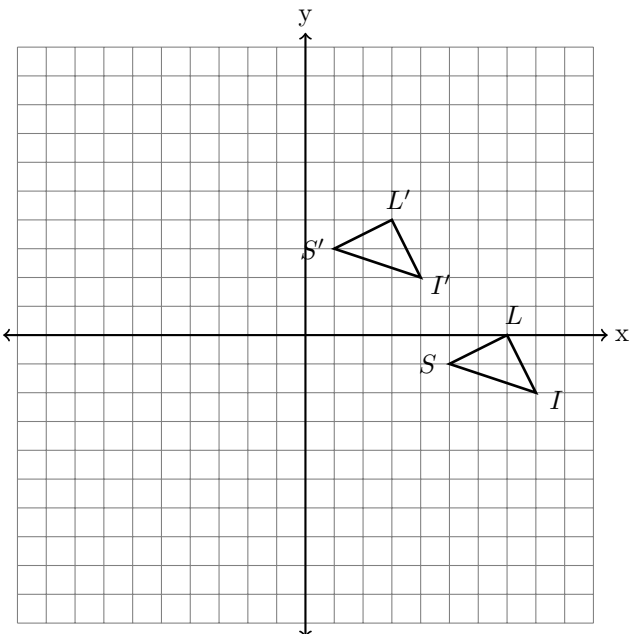
1. Given the graph below, identify the transformation used to map right triangle HCW onto right triangle $H'C'W'$.



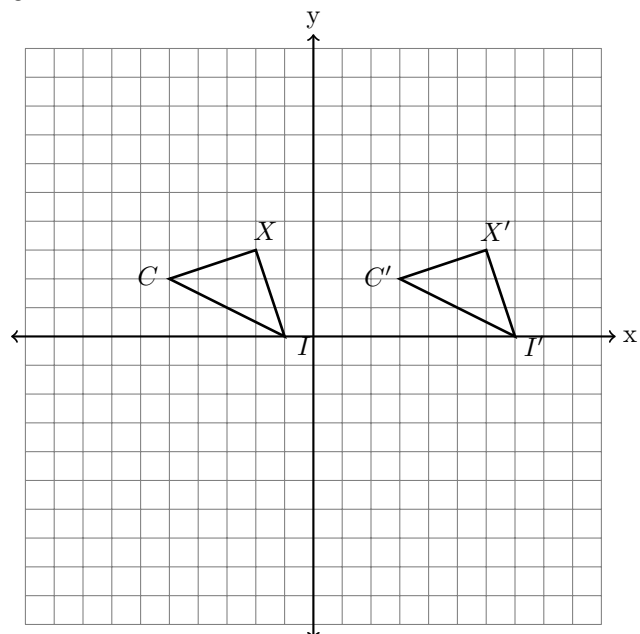
2. Given the graph below, identify the transformation used to map right triangle HNT onto right triangle $H'N'T'$.



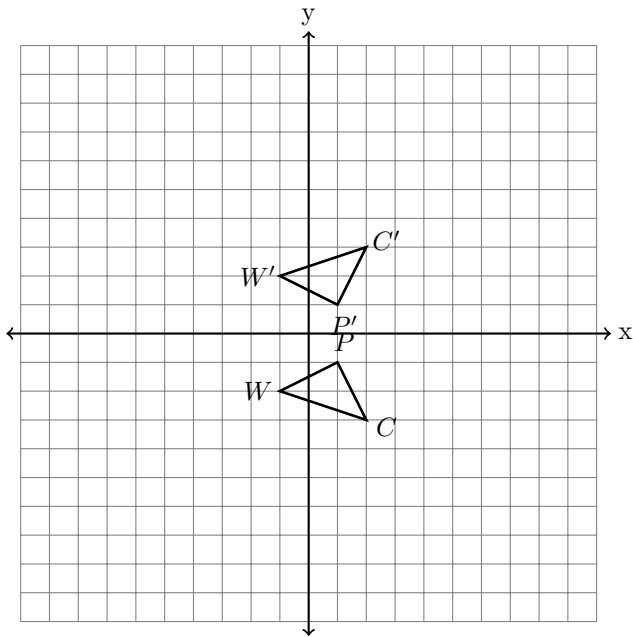
3. Given the graph below, identify the transformation used to map right triangle SLI onto right triangle $S'L'I'$.



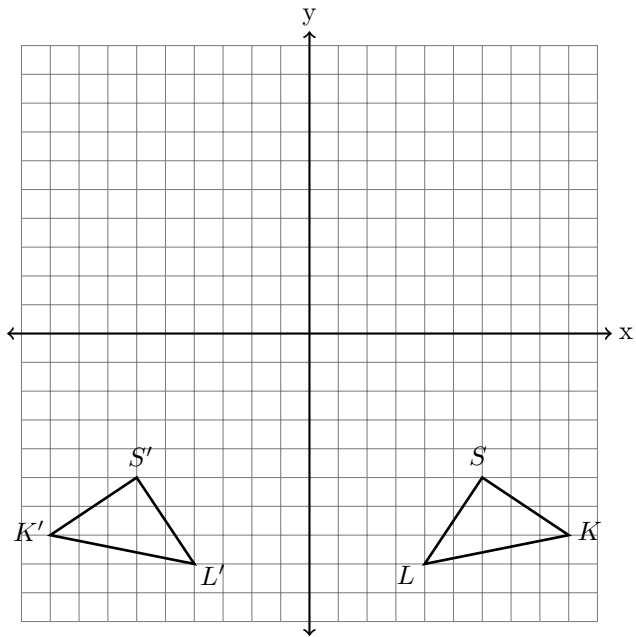
4. Given the graph below, identify the transformation used to map right triangle CXI onto right triangle $C'X'I'$.



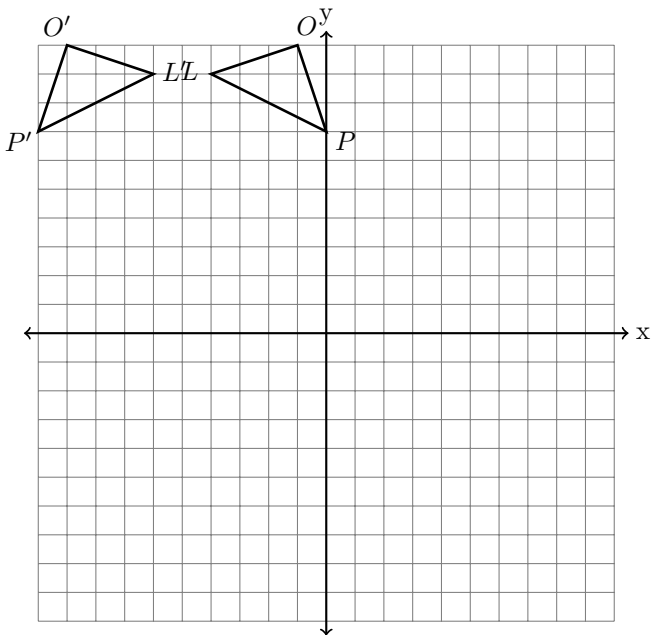
5. Given the graph below, identify the transformation used to map $\triangle WPC$ onto $\triangle W'P'C'$.



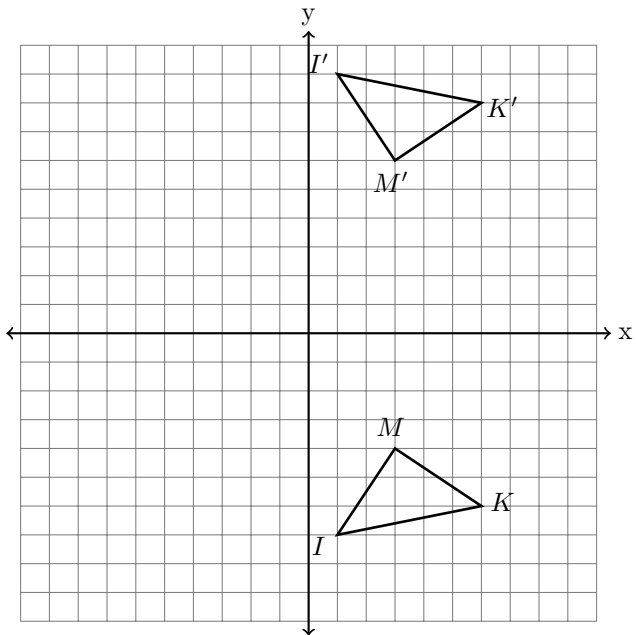
6. Given the graph below, identify the transformation used to map $\triangle LSK$ onto $\triangle L'S'K'$.



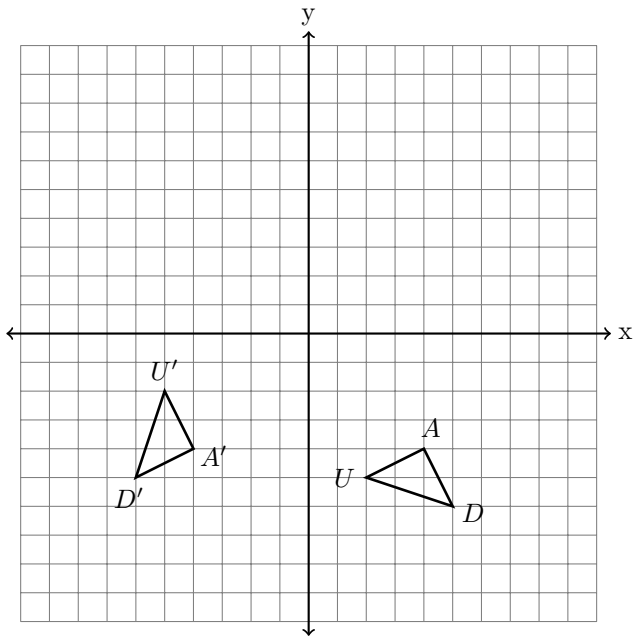
7. Given the graph below, identify the transformation used to map $\triangle LOP$ onto $\triangle L'O'P'$.



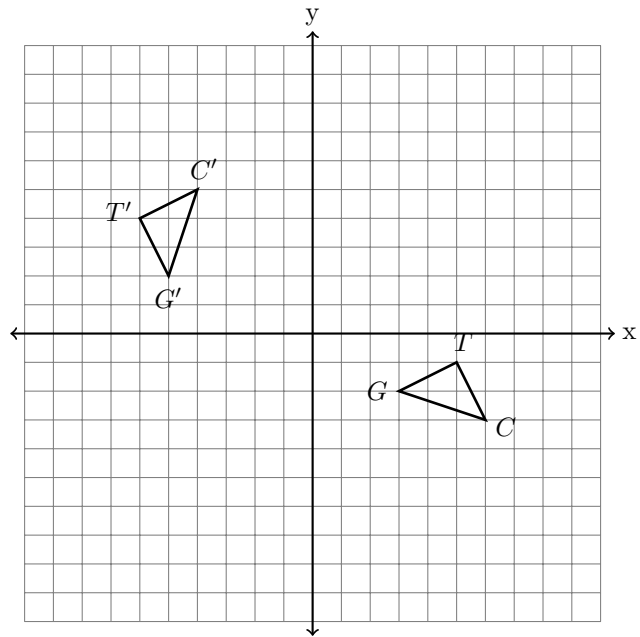
8. Given the graph below, identify the transformation used to map $\triangle IMK$ onto $\triangle I'M'K'$.



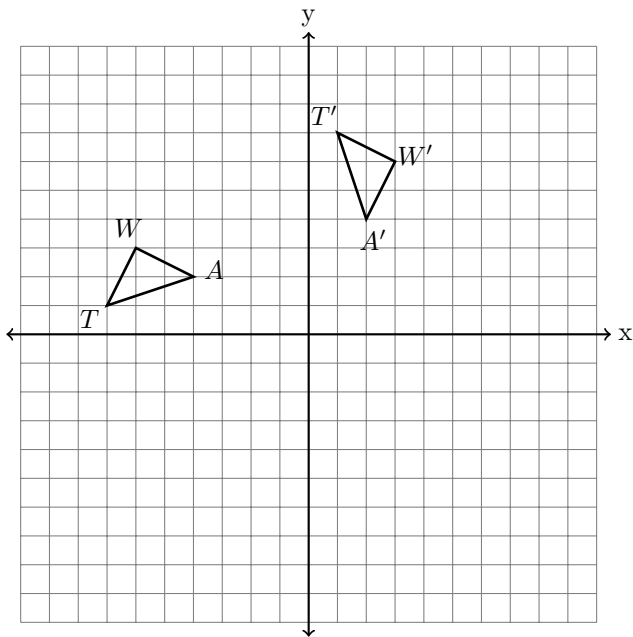
9. Given the graph below, identify the transformation used to map $\triangle UAD$ onto $\triangle U'A'D'$.



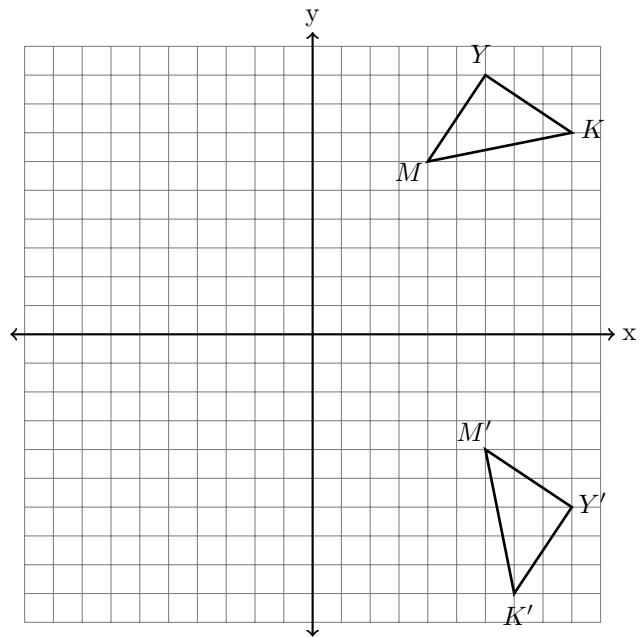
10. Given the graph below, identify the transformation used to map $\triangle GTC$ onto $\triangle G'T'C'$.



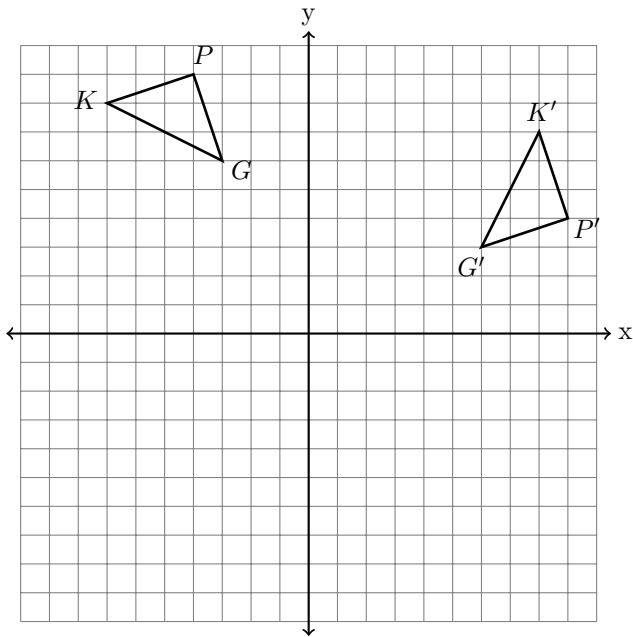
11. Given the graph below, identify the transformation used to map $\triangle TWA$ onto $\triangle T'W'A'$.



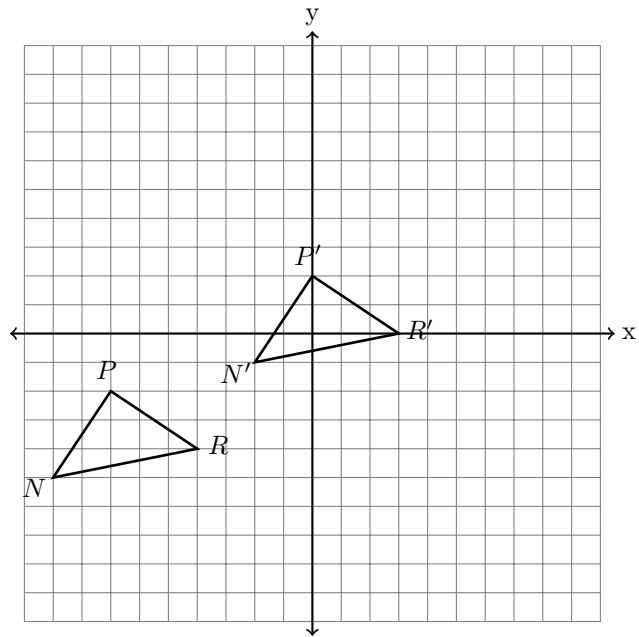
12. Given the graph below, identify the transformation used to map $\triangle MYK$ onto $\triangle M'Y'K'$.



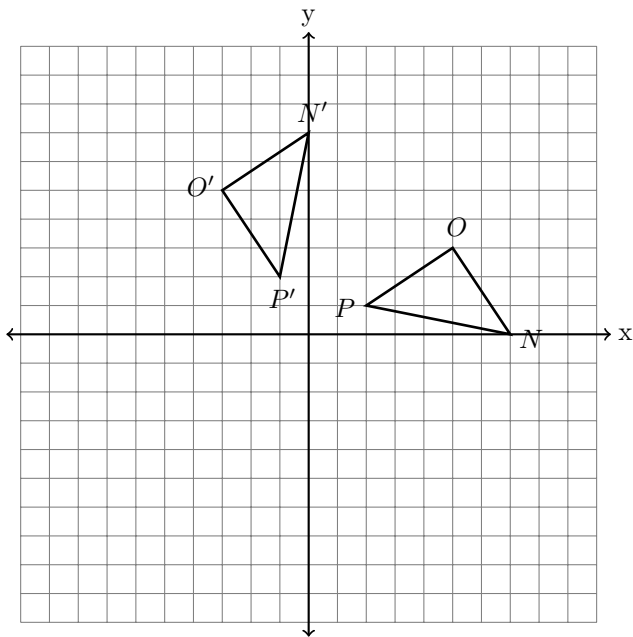
13. Given the graph below, identify the transformation used to map $\triangle KPG$ onto $\triangle K'P'G'$.



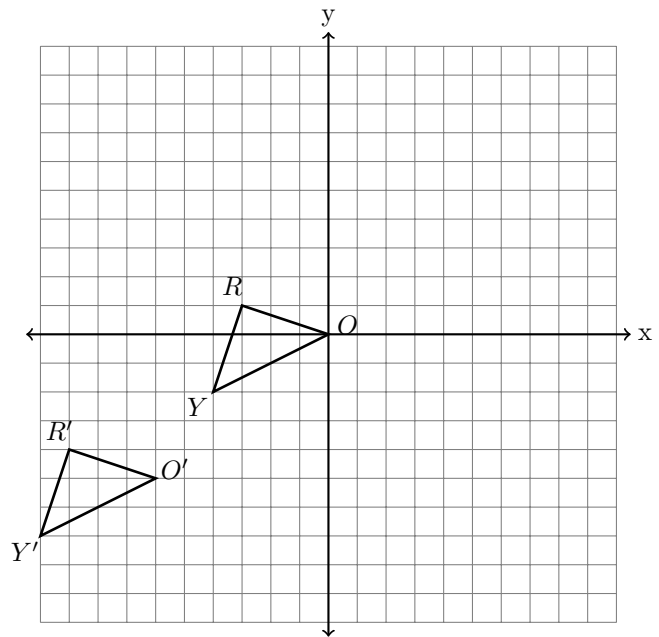
14. Given the graph below, identify the transformation used to map right triangle NPR onto right triangle $N'P'R'$.



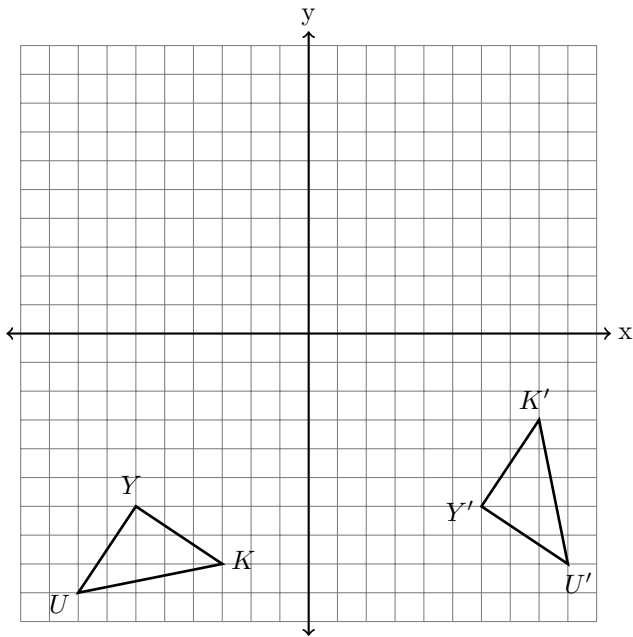
15. Given the graph below, identify the transformation used to map $\triangle PON$ onto $\triangle P'O'N'$.



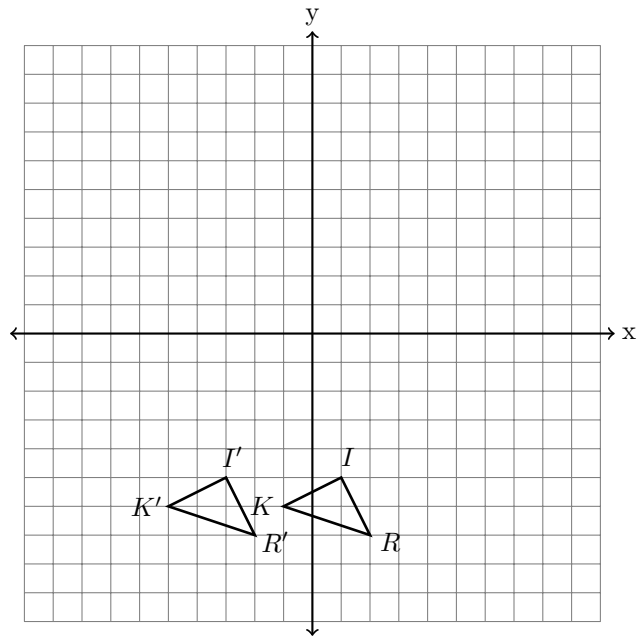
16. Given the graph below, identify the transformation used to map right triangle YRO onto right triangle $Y'R'O'$.



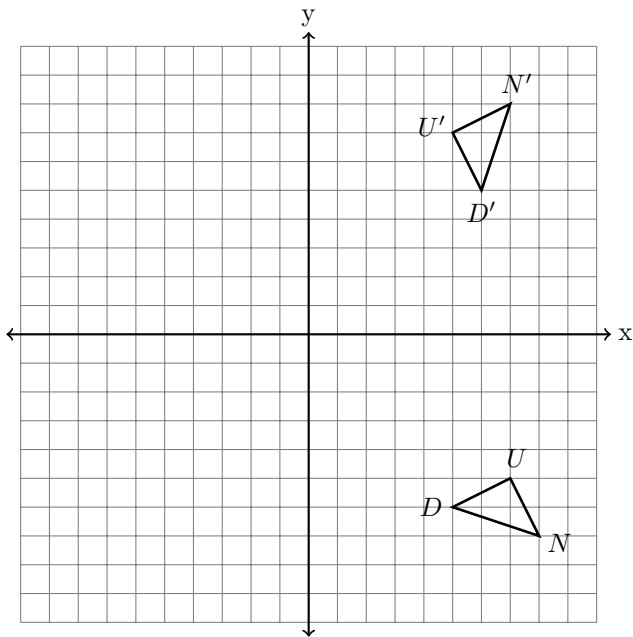
17. Given the graph below, identify the transformation used to map $\triangle UYK$ onto $\triangle U'Y'K'$.



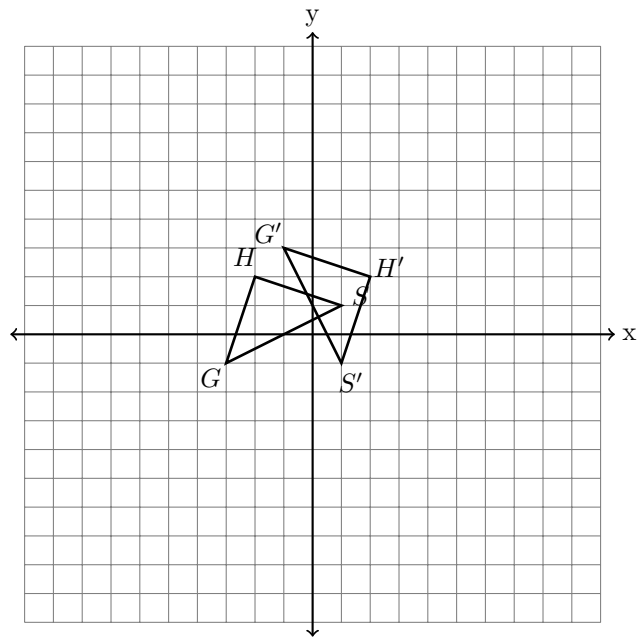
18. Given the graph below, identify the transformation used to map right triangle KIR onto right triangle $K'I'R'$.



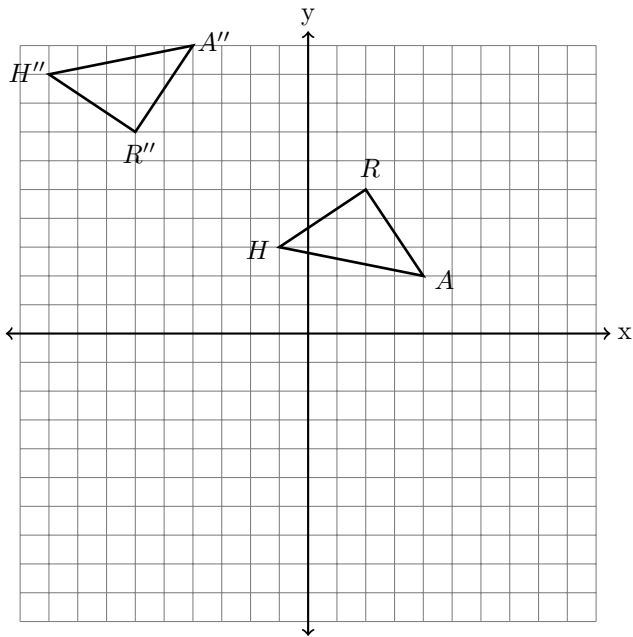
19. Given the graph below, identify the transformation used to map $\triangle DUN$ onto $\triangle D'U'N'$.



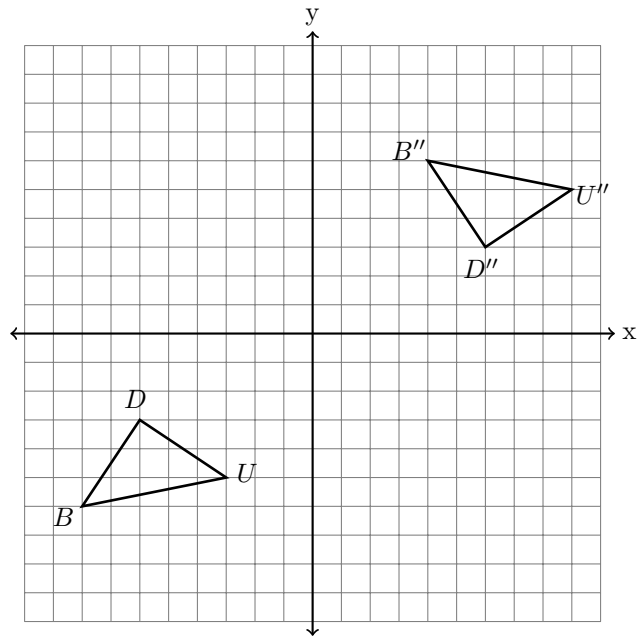
20. Given the graph below, identify the transformation used to map $\triangle GHS$ onto $\triangle G'H'S'$.



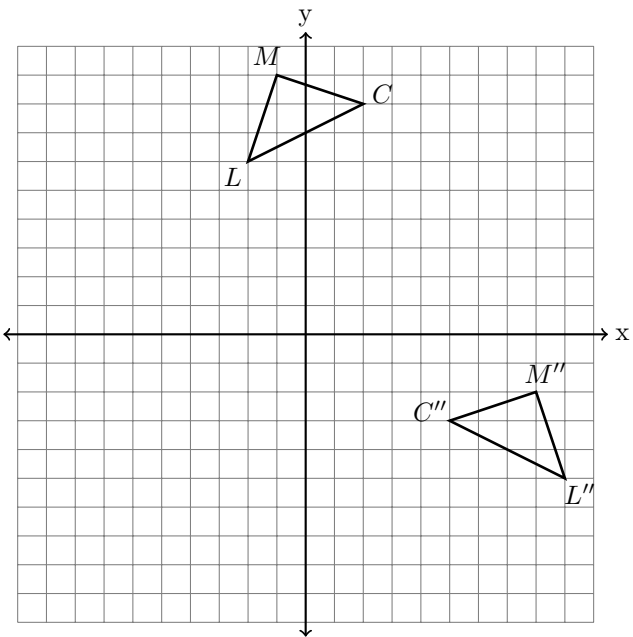
21. Given the graph below, identify the sequence of transformations used to map $\triangle HRA$ onto $\triangle H''R''A''$.



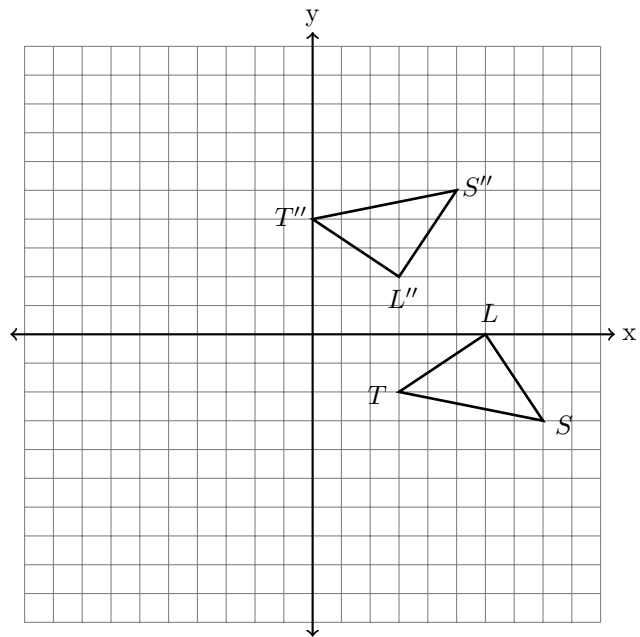
22. Given the graph below, identify the sequence of transformations used to map $\triangle BDU$ onto $\triangle B''D''U''$.



23. Given the graph below, identify the sequence of transformations used to map $\triangle LMC$ onto $\triangle L''M''C''$.



24. Given the graph below, identify the sequence of transformations used to map $\triangle TLS$ onto $\triangle T''L''S''$.



1. Translation 6 left and 4 down
2. Translation 11 right and 9 up
3. Translation 4 left and 4 up
4. Translation 8 right
5. x - axis
6. y - axis
7. line $x = -5$
8. line $y = 1$
9. Rotation 270° counterclockwise around $[0, 0]$.
10. Rotation 90° counterclockwise around $[-3, -4]$.
11. Rotation 270° counterclockwise around $[0, 0]$.
12. Rotation 90° clockwise around $[0, 0]$.
13. Rotation 270° counterclockwise around $[0, 0]$.
14. Translation 7 right and 4 up
15. Rotation 270° clockwise around $[0, 0]$.
16. Translation 6 left and 5 down
17. Rotation 90° counterclockwise around $[0, 0]$.
18. Translation 4 left
19. Rotation 270° clockwise around $[0, 0]$.
20. Rotation 90° clockwise around $[0, 0]$.
21. There are lots of different ways, but two transformations that you might use are translation and reflection. Also YOU NEED DETAILS. Since there are so many different ways, I will not write them all here.
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