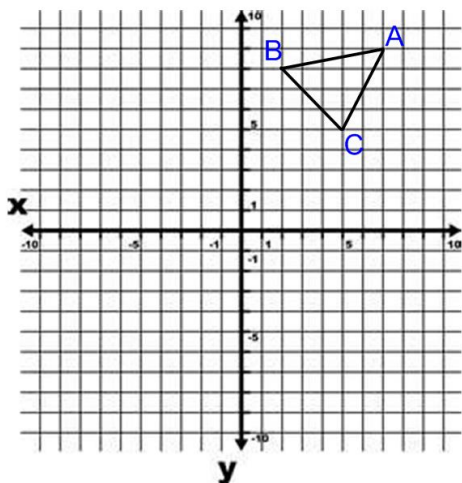


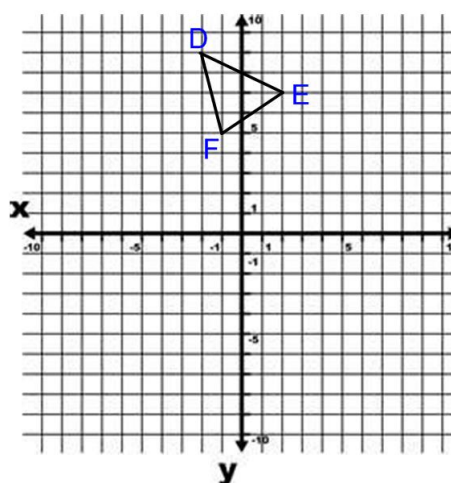
Complete each composition of transformations for each figure given.

1.  $(r_{(90^\circ,0)} \circ R_{x=-1})(\triangle ABC)$



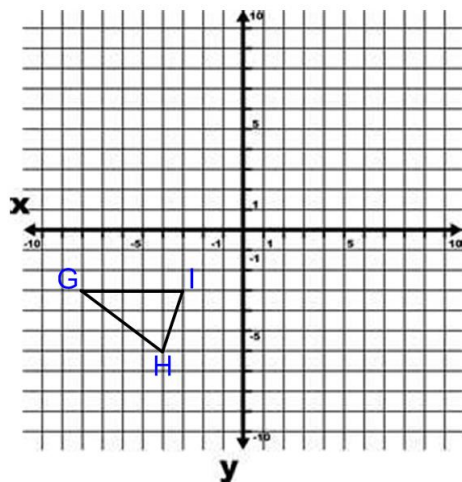
$A'$  \_\_\_\_\_  $A''$  \_\_\_\_\_  
 $B'$  \_\_\_\_\_  $B''$  \_\_\_\_\_  
 $C'$  \_\_\_\_\_  $C''$  \_\_\_\_\_

2.  $(T_{\langle -3,1 \rangle} \circ T_{\langle 2,-8 \rangle})(\triangle DEF)$



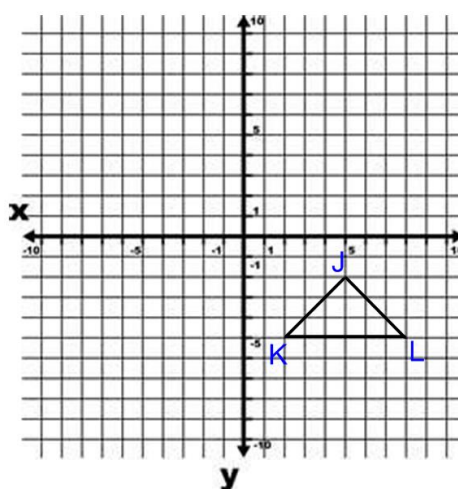
$D'$  \_\_\_\_\_  $D''$  \_\_\_\_\_  
 $E'$  \_\_\_\_\_  $E''$  \_\_\_\_\_  
 $F'$  \_\_\_\_\_  $F''$  \_\_\_\_\_

3.  $(R_{y=1} \circ R_{x-axis})(\triangle GIH)$



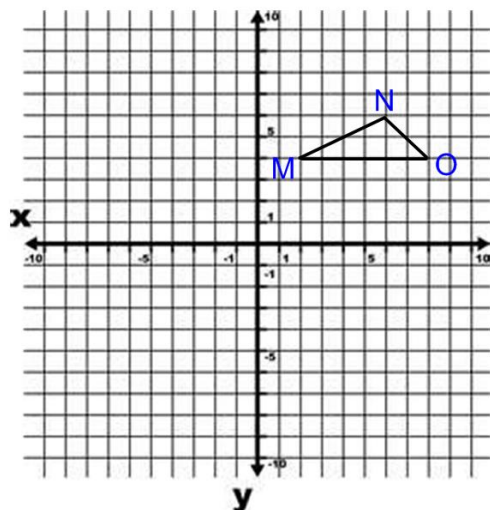
$G'$  \_\_\_\_\_  $G''$  \_\_\_\_\_  
 $I'$  \_\_\_\_\_  $I''$  \_\_\_\_\_  
 $H'$  \_\_\_\_\_  $H''$  \_\_\_\_\_

4.  $(r_{(270^\circ,0)} \circ T_{\langle 2,7 \rangle})(\triangle JKL)$



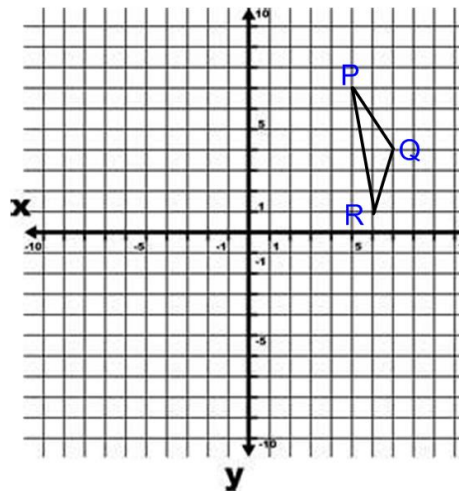
$J'$  \_\_\_\_\_  $J''$  \_\_\_\_\_  
 $K'$  \_\_\_\_\_  $K''$  \_\_\_\_\_  
 $L'$  \_\_\_\_\_  $L''$  \_\_\_\_\_

5.  $(R_{y=3} \circ R_{y=-1})(\triangle MNO)$



$M'$  \_\_\_\_\_  $M''$  \_\_\_\_\_  
 $N'$  \_\_\_\_\_  $N''$  \_\_\_\_\_  
 $O'$  \_\_\_\_\_  $O''$  \_\_\_\_\_

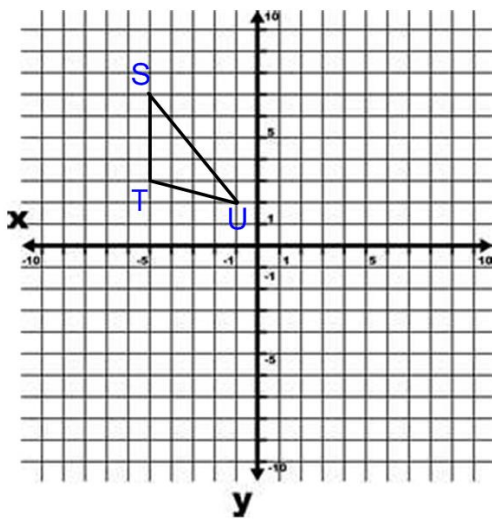
6.  $(R_{x=4} \circ R_{y-axis})(\triangle PQR)$



$P'$  \_\_\_\_\_  $P''$  \_\_\_\_\_  
 $Q'$  \_\_\_\_\_  $Q''$  \_\_\_\_\_  
 $R'$  \_\_\_\_\_  $R''$  \_\_\_\_\_

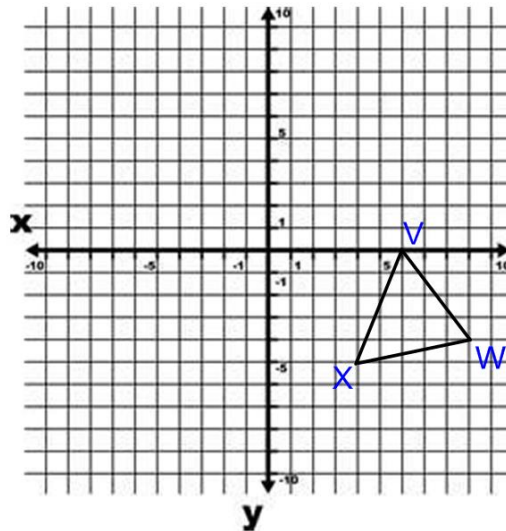
Complete each glide reflection on the figure given.

7.  $(R_{y=2} \circ T_{\langle 5,0 \rangle})(\Delta SUT)$



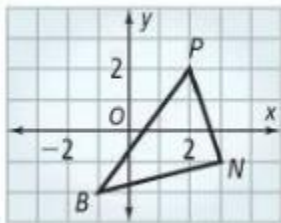
$S'$  \_\_\_\_\_       $S''$  \_\_\_\_\_  
 $U'$  \_\_\_\_\_       $U''$  \_\_\_\_\_  
 $T'$  \_\_\_\_\_       $T''$  \_\_\_\_\_

8.  $(R_{x=1} \circ T_{\langle 0,-3 \rangle})(\Delta VWX)$



$V'$  \_\_\_\_\_       $V''$  \_\_\_\_\_  
 $W'$  \_\_\_\_\_       $W''$  \_\_\_\_\_  
 $X'$  \_\_\_\_\_       $X''$  \_\_\_\_\_

Complete each similarity transformation of  $\Delta PNB$ .



9.  $P'$  \_\_\_\_\_       $P''$  \_\_\_\_\_      10.  $P'$  \_\_\_\_\_       $P''$  \_\_\_\_\_  
 $N'$  \_\_\_\_\_       $N''$  \_\_\_\_\_       $N'$  \_\_\_\_\_       $N''$  \_\_\_\_\_  
 $B'$  \_\_\_\_\_       $B''$  \_\_\_\_\_       $B'$  \_\_\_\_\_       $B''$  \_\_\_\_\_

9.  $(D_2 \circ R_{x\text{-axis}})(\Delta PNB)$

10.  $(D_{0.5} \circ R_{y\text{-axis}})(\Delta PNB)$

